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February 5, 2002

File: GEN-7353

Mr. Tom Krause
Illinois Environmental Pollution Agency
Bureau of the Land
1001 N. Grand Ave.
Springfield, IL 62794

Re: Hydrogeologic Investigation Reports regarding
2537 Curtiss St., Downers Grove, Illinois

Dear Mr. Krause:

Pursuant to our telephone conversation of January 29, 2002, I am writing to forward to you a Hydrogeologic Investigation Report dated December 7, 2001 and an Additional Hydrogeologic Investigation Report dated January 31, 2002. From our prior conversation, I understand that you have in your possession copies of the Phase I Environmental Site Assessment dated November 30, 2000 and the Subsurface Soil Investigation Report dated July 31, 2001 regarding the subject premises.

The Conclusions found in the Additional Hydrogeologic Investigation Report beginning on page 13 confirm what we had orally been told and which I relayed to you to the effect that the contaminants are in a highly confined area, but cannot scientifically be determined to have migrated onto the subject premises due to the highly variable geology of the site. Further, the lack of contaminants in the soil samples above the groundwater where the contaminants were found indicates that the site is not a generator. The major conclusion, however, is that the site is in compliance with Tier 1 Class II ROs and that no further remediation is necessary (see last bullet point on page 14).

I would very much appreciate it if you could let me know after you have had an opportunity to review the enclosures, so I ask that you call me so that we can discuss the situation further.

Cordially yours,

LEWIS, OVERBECK & FURMAN

Tim J. Emmitt

TJE:ssTJE104703; 88821-001
Enclosures
cc: Richard A. Marvil (w/o enclosures)

PHASE II HYDROGEOLOGIC INVESTIGATION REPORT
FORMER AMES SUPPLY
DOWNERS GROVE, ILLINOIS

Prepared For:
White Lake Building Corporation
2537 Curtiss Street
Downers Grove, Illinois 60515

December 7, 2001
EGSL Project Number: 011332

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INTRODUCTION

Environmental Group Services, Ltd. (EGSL) has completed a Phase II Hydrogeologic Investigation for the above referenced property (Site). This investigation was completed in response to a concern by the potential buyer (The Illinois State Toll Highway Authority (Tollway) regarding known groundwater contamination in the local area. As a result, the Tollway obtained Wight & Company (Wight), Downers Grove, Illinois as their environmental consultant, who subsequently prepared a work plan to investigate the shallow groundwater beneath the site. As requested by White Lake Building Corporation (Client), EGSL carried out a Phase II Groundwater Investigation in accordance with Wight's Groundwater Investigation Work Plan. The purpose of this investigation was to determine the possibility of groundwater contamination associated with former uses at the property. The contaminants of concern (COCs) are volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs)

BACKGROUND AND PREVIOUS INVESTIGATIONS

Site Location and Description

The Site is approximately 135,000 square feet (3.1 acres) and is located in a commercial and industrial area situated at 2537 Curtiss Street between in Downers Grove, Illinois. The Site is currently vacant, which houses a 67,000 square foot warehouse building. The building contained an office area to the south and warehouse area in the remaining portion. **According to records, the center of the warehouse area was used for manufacturing and contained a trichloroethene (TCE) degreaser for parts and tool washing.** The wastes generated at the warehouse was stored in drums throughout the facility. The drums were moved to a primary staging area prior to disposal off-site. At the northeast corner of the facility is a raised loading dock area covered by concrete pavement and there is also a small loading area at the southwest corner of the building. The rest of the property to the west and south (except for 10-foot easements) is covered by asphalt pavement. The two easements are heavily wooded. The remaining property to the north is grass covered and the 10-foot easement to the east is heavily wooded. The Site Location is shown on Figure 1 and the general Site Layout is shown on Figure 2, found at Tab 1.

The surrounding area is all commercial/residential properties. Directly to the north across Curtiss Street is Dyngear, to the west is Fusibond Piping Sytems, to the west is Scott, Inc. and to the south are commercial complex units.

Previous Investigations

EGSL completed a Phase I Environmental Site Assessment Report dated November 30, 2000 and subsequently completed two subsurface soil investigations (July 31, 2001 and August 31, 2001. Based on the results of the Phase I and first Phase II investigations, Wight recommended to the Tollway that a second soil sampling investigation be completed. EGSL mobilized to the site and collected additional soil samples inside of the warehouse. The soil sampling results indicated that ethylbenzene, tetrachloroethene and 1,1,1-trichloroethene were detected in limited areas at the site above laboratory detection limits; however, the concentrations were below the Illinois Environmental Protection Agency (IEPA) Remediation Objectives (ROs) for Industrial/Commercial Properties based upon the Tiered Approach to Corrective Action Objectives (TACO); 35 Ill. Adm. Code Part 742, February 18, 1997, amended August 15, 2001.

Subsequent to the investigations, Wight received information from the IEPA indicating that potable supply wells in the Downers Grove Industrial Park were contaminated with various compounds. Area. The subject site is located in the center of the industrial park, consequently, the IEPA is gathering data to assess potentially responsible parties (PRPs). As a resul, the Tollway has a concern regarding the potential liability associated with the contaminant plume in the Industrial Park. Therefore, to assess this potential groundwater liability, Wight prepared a Groundwater Investigation Work Plan to complete six monitoring wells to maximum depths of 40 feet below ground surface (bgs) and collect groundwater samples for the analysis of VOCs and SVOCs..

HYDROGEOLOGIC INVESTIGATION FIELD PROCEDURES

Monitoring Well Installation

Based on Wight's Work Plan, EGSL installed six (6) monitoring wells (MW-1 through MW-6) throughout the site at various locations to determine if shallow groundwater was impacted from previous operations at the facility. Two of the monitoring well locations (MW-5 and MW-6) were changed from the original plan due to the heavy wooded area to the east and the presence of underground utilities. The additional monitoring well borings were completed using a Diedrich D-50 truck-mounted drill rig equipped with 4 ¼-inch I.D. hollow-stem augers. Soil samples were collected continuously every two feet from the ground surface to the terminus of each of the borings (23 to 39 feet bgs) using a split-spoon sampler (ASTM D1586). No drilling fluids were introduced into any of the boreholes. Monitoring Well locations are shown on Figure 3, at Tab 1.

All soil samples were split and placed into two sealed plastic bags and was labeled identically. One of the samples was placed into a chilled cooler and the other sample was allowed to volatilize for field-testing with the Photovac® flame ionization detector (FID). The FID is used to screen each soil sample from each probe location for relative concentrations of volatile organic compounds (VOC). The utilization of a field-screening device provided immediate on-site data for use in the assessment of the Site. FIDs are designed to provide qualitative data on VOCs and do not provide separation of the contaminants into individual constituents. Field screening was performed utilizing the "headspace" technique. Soil samples were only collected to determine if any of the COCs were present in the soil for potential disposal of the soil cuttings. The identical split soil sample with the highest FID reading (MW-3, 5') and a composite soil sample (C-1) containing soil from several of the borings (MW-1/3', MW-1/17', MW-2/3', MW-3/3' and MW-4/26') were submitted to the laboratory for analytical testing of VOCs and SVOCs. A QA/QC trip blank was also submitted for anlaysis.

The soil samples targeted for laboratory analysis of VOCs were packed into new, laboratory supplied, 40-milliliter glass vials pre-preserved in sodium bisulfate and methanol in accordance with EPA Method 5035. The SVOC samples were packed into separate non-preserved, 4-ounce, wide-mouth jars with Teflon-lined caps. The containers were supplied by Great Lakes Analytical of Buffalo Grove, Illinois. Samples were stored on ice during soil sample collection activities and while being transported to the laboratory. Standard Chain-of-Custody procedures were followed to track the samples.

The six monitoring wells were installed to depths of 21.52 to 34.77 feet bgs with the well screen in each well positioned to intercept the interpreted water table surface. Well construction materials consisted of 2-inch diameter PVC riser pipe and 10-slot (0.010 inch) PVC well screen which were placed through the inside of the hollow stem augers to the bottom of each boring. The annular space around each

monitoring well was backfilled with clean filter sand to approximately 2 feet above the well screen while simultaneously removing the augers from the ground. An annular seal consisting of at least one to two feet of bentonite pellets was placed above the sand pack and hydrated with distilled water. Hydrated bentonite chips were used to backfill the remaining annular space to a top depth of one to two ft bgs, followed by concrete to the ground surface. Each monitoring well was completed with a water-tight cap and three of the wells (MW-1 through MW-3) were completed with steel flush-mounted protective cover and the others with stick-up protective casings. Soil Boring Logs and Monitoring Well Construction Diagrams are included at Tab 2.

Monitoring Well Elevation Survey

The elevations of the top of the PVC casing and ground surface were determined for each well by EGSL. The elevations of the wells were established relative to an arbitrary site benchmark and other temporary benchmarks by a vertical leveling survey. The depth to water and the elevations of the top of casing were used to calculate the water elevation in each well.

Monitoring Well Development and Groundwater Sample Collection

On November 13, 2001, four of the six monitoring wells (MW-1, MW-2, MW-3 and MW-6) were developed in order to remove sediment introduced into the well and/or sand pack by drilling activities. Development of the monitoring wells was accomplished by bailing and surging using a clean, dedicated, disposable polyethylene bailer and new polypropylene rope for each well. Each well was bailed dry, which included the groundwater situated within the filter pack surrounding the well. Wells MW-4 and MW-5 were not developed at this time because they were dry.

On November 16, 2001, groundwater samples were collected from the four monitoring wells. Approximately 0.5 to 1.0 gallon of additional water was purged from each well prior to collecting the samples. Purging and sampling was accomplished using the dedicated disposable bailers. Groundwater samples were placed into laboratory supplied containers (pre-preserved 40 ml vials for VOCs and 1-liter Amber for SVOCs) and kept cool until transfer to the laboratory. A duplicate sample from MW-2 and a laboratory supplied trip blank were submitted for analysis for QA/QC measures. The duplicate sample was labeled separately so that the lab would not be able to identify it as a duplicate. A completed chain of custody form accompanied the samples to the laboratory.

Water levels in the monitoring wells at the site were collected during development activities and prior to sampling on November 16, 2001.

Based on the groundwater results of the four monitoring wells (discussed later in this report), EGSL returned to the site on November 30, 2001 and there was approximately 7-8 inches of water in

monitoring well MW-4; therefore, a water sample for VOC analysis (not enough water for SVOCs) was collected from this location and submitted for 24-hour turnaround time. Well MW-5 was still dry at this time. Based on the slow recharge at MW-4, it is believed that the groundwater level has not fully recharged; therefore, the level was not recorded.

Decontamination

Cross-contamination during soil sampling and monitoring well installation was minimized by using an Alconox detergent wash and tap water rinse to decontaminate the sampling tools between each probe. Also, other sampling equipment and measurement tools were hand washed with an Alconox detergent wash and rinsed three times with distilled water between soil sample intervals. The tools were then placed on clean and decontaminated surfaces. The augers and associated drilling tools from the drill rig were decontaminated using a high-pressure steam-cleaner.

Disposable latex gloves were worn during the collection of soil and groundwater sampling events and were changed between samples. All excess soil cuttings from the monitoring well installation activities were stockpiled on and covered with visqueen pending analysis of the soil samples. The soil was stockpiled at the southeast corner of the site so that it can be spread in the wooded area if the results indicate non-detectable levels of the COCs.

Chain of Custody

Chain of custody (C-O-C) forms were completed and signed by all parties obtaining, transporting and accepting the soil samples at the laboratory. The jars were properly labeled with sample I.D., date, time, sample location, sampler, and analysis and directly corresponded to the chain of custody form. The C-O-C's were kept with the samples at all times.

HYDROGEOLOGIC INVESTIGATION RESULTS

Site Geology

The subsurface geology across the Site consists some fill soil overlying glacial till. The fill soils were found at MW-1, MW-2, MW-3 and MW-6 and consisted primarily of interbedded gravel, sand and gravel, and clay extending approximately 4 to 6.5 feet bgs. There was no fill present at the other boring locations. The native tills primarily consisted of brown and gray lean clay underlain by interbedded layers of silt, sandy silt, sand and gravel clay and cobbles. The cobble zones (interbedded with sand and some clay) were predominant at MW-3 and MW-4 and were approximately 7 feet thick between 7.5 and 18.5 feet bgs. This zone was also present at MW-5 and MW-6; however was not as thick. The geology below the site was highly variable and it appeared that none of the sand, gravel and silt seams (potential water-bearing units) were connected across the site. The only consistent potential water-bearing unit was the cobble zone, which did not contain significant saturation (was predominately damp) within the strata. For more detail regarding the geologic findings at the site, refer to the boring logs at Tab 2.

Shallow groundwater was generally encountered during drilling between 13 feet bgs (MW-2) and 29.5 feet bgs (MW-4).

Regional Geology

The regional geology in the vicinity of the site consists of surficial soils, glacial sediments, and glacial outwash overlying carbonate bedrock (dolomite). The native glacial deposits at the site consists of Keeneyville Drift, which are kame-moraine drifts of the Valparaiso Morainic System. These kame moraines (defined as a hill or irregular ridge of gravel or sand deposited in contact with glacier ice), consist of knobs, kettles swamps and lakes locally containing outwash plains of sand, gravel and clayey most likely within the Wadsworth Till Member (Willman, 1975).

Based on Illinois State Geological Survey documentation describing regional geology and according to the Potential for Contamination of Shallow Aquifers in Illinois, Berg Circular 532 (Berg, 1984) including Potential for Contamination of Shallow Aquifers from Burial of Municipal Wastes, Plate 1 (Berg, 1984), the site is likely classified as category E, uniform, relatively impermeable silty or clayey till at least 50 feet thick: no evidence of interbedded sand and gravel.

The uppermost bedrock below the glacial drift is the Silurian-age Niagara series Racine Dolomite (Limestone) found between 80 and 120 feet bgs locally. The Racine Formation is largely a medium gray, fine-to medium-grained dolomite with textures that vary from dense to vesicular to vuggy. It is the uppermost Silurian formation and has a maximum thickness of about 300-ft. Below the Silurian Dolomite at a depth of approximately 500 ft is the Cincinnatian Series of the Ordovician System, which

is composed of argillaceous shale and acts as a barrier between the shallow and deep aquifers (Willman, 1975).

Site Hydrogeology

An attempt was made to delineate the shallow water-bearing zones across the site. It appears that the shallow groundwater is contained within the thinner (average of 0.5 to 1.5 feet) silt, sandy silt, silty sand and sand and gravel seams that are interbedded within the glacial clay soil. As stated earlier, the shallow groundwater was encountered between 13 and 29.5 feet bgs during drilling and at MW-4 and MW-5, the water-bearing zone appeared to be in the clay containing thin seams of wet silt, sand and gravel at deeper depths (25 to 35 feet bgs). The monitoring wells were placed such that the screen section intercepted these potential water-bearing zones.

Water levels in the monitoring wells at the site were collected on November 13, 2001 prior to development activities and again on November 16, 2001 prior to collection of groundwater samples. The November 16 water levels were used to determine elevations and direction of groundwater flow to allow proper recharge after removing much of the silt out of the wells. Monitoring wells MW-4 and MW-5 were both dry during both measuring events and was also dry one week later. The water table was observed to be at depths ranging from 7.73 ft bgs (elev. 92.33 ft) at MW-2 to 24.75 ft bgs (elev. 75.57 ft) at MW-1 during the first measurement and 7.97 ft bgs (elev. 92.09 ft) at MW-2 to 23.76 ft bgs (elev. 76.56 ft) at MW-1. Monitoring well and water level elevation data are presented in Table 1, at Tab 3.

Based on groundwater elevations at the Site, it appears that the shallow water-bearing units may not be continuously connected across the site. At MW-2, there was an upper layer of silty sand directly below the fill soil at approximately 6.5 feet bgs where perched water was encountered and an attempt was made to seal this layer off from the strata below. It appeared that the shallow water-bearing zone was situated between 12.5 and 22 feet bgs. However, based on the water levels at MW-2, there appears to be a hydraulic connection between the perched zone and the first shallow water-bearing zone. It does appear that the remaining three wells (MW-1, MW-3 and MW-6) may have some hydraulic connection; therefore, these three wells were used to construct a groundwater contour map (Figure 4, Shallow Groundwater Potentiometric Surface Map, Tab 1) to indicate relative flow of the shallow groundwater. Based on the contour map, it appears that the shallow groundwater generally flows towards the southwest at an average hydraulic gradient of 0.019 ft/ft.

As stated previously, on November 30, 2001 and there was approximately 7-8 inches of water in monitoring well MW-4 and a groundwater sample was collected for analysis and due to the known geology and the slow recharge, it is believed that the groundwater level was not fully recharged and consequently, the level was not recorded.

Soil Analytical Results

The analytical test results of the two soil samples (C-1 and MW-3/5') submitted for analysis indicated that none of the VOCs and SVOCs were detected above the laboratory detection limits. Therefore, the COCs were not present in the soil exceedingo to the Remediation Objectives (ROs) derived from the Illinois Environmental Protection Agency (IEPA) "adopted" IAC 742, *Tiered Approach to Corrective Action Objectives* (TACO), Tier I, for ***Industrial/Commercial Properties,*** dated June 5, 1997, amended August 15, 2001. Consequently, the soil cuttings do not need to be treated or disposed of off-site. The VOC results are presented at Table 2 and the SVOCs are shown on Table 3, both found at Tab 4. The laboratory reports are also presented at Tab 4.

Groundwater Analytical Results

The groundwater analytical test results for VOCs are summarized in Table 4 and indicate that tetrachloroethene (PCE) exceeded the TACO Tier 1 Class I & II Remediation Objectives (ROs) for the Groundwater Ingestion Route in sample MW-3 at a concentration of 0.126 milligrams/Liter (mg/L). Trichloroethene (TCE) exceeded the Class I Groundwater Ingestion RO in sample MW-3 at a concentration of 0.0078 mg/L. The compounds 1,1-dichloroethane, cis-1,2-dichloroethene, and 1,1,1-trichloroethane were also present in sample MW-3; however, were below the Class I & II ROs. None of the SVOCs were detected above the laboratory limits. The groundwater SVOC results are summarized on Table 5 and both tables and laboratory reports are presented at Tab 5.

Based on the above results, EGSL later (November 30, 2001) returned to the site and discovered approximately 7-8 inches of water in monitoring well MW-4. Consequently, a groundwater sample was collected for VOC analysis. In addition, a second verification groundwater sample was collected from well MW-3 and submitted to the project laboratory for VOC analysis. As a QA/QC measure, the sample was labeled PW-10 so that the lab was not aware that the sample was collected from MW-3. The results (shown on Table 4) of MW-4 indicated that none of the VOCs were detected above the laboratory limits at this location. The results of sample PW-10 (MW-3) indicated that similar concentrations of the same VOCs as the initial sample were present (refer to Table 4).

CONCLUSIONS

Based on the results of the two previous investigations and this hydrogeological investigation, the following conclusions can be made:

- As previously concluded during the previous two investigations conducted at the site, none of the COCs were present in the subsurface soil at the site exceeding the TACO Tier 1 ROs.

- The subsurface geology across the Site generally consisted of limited amounts of fill soil overlying glacial till. The native tills primarily consisted of brown and gray lean clay underlain by interbedded layers of silt, sandy silt, sand and gravel clay and cobbles. The geology below the site was highly variable and it appeared that none of the sand, gravel and silt seams (potential water-bearing units) were entirely connected across the site.

- It appeared that the shallow groundwater is contained within the thinner (average of 0.5 to 1.5 feet) silt, sandy silt, silty sand and sand and gravel seams that are interbedded within the glacial clay soil. Shallow groundwater was encountered between 13 and 29.5 feet bgs during drilling and at MW-4 and MW-5, the water-bearing zone appeared to be in the clay containing thin seams of wet silt, sand and gravel at deeper depths of 25 to 35 feet bgs. However, the wells were dry during several water level measurement events. This indicates that the hydraulic conductivity in these areas is much lower thus resulting in a much lower yield. There were less water-bearing units (sand, silt and gravel) at these two locations and it is unlikely that there is any hydraulic connection to the other areas of the site. At monitoring well MW-2, an upper layer of silty sand directly below the fill soil (approximately 6.5 feet bgs) contained perched water and even though an attempt was made to seal this layer off from the strata below, there later appeared to be a hydraulic connection to the upper water-bearing unit Therefore, it was concluded that the perched groundwater at MW-2 was not likely connected to the other water-bearing units at the other well locations; therefore was not used to determine groundwater flow. In addition, since it was suspected that the groundwater had not fully charged at MW-4, this level was also not used. It does appear however, that the remaining three wells (MW-1, MW-3 and MW-6) may have some hydraulic connection; therefore, these three wells were used to construct a groundwater contour map, which indicated that the shallow groundwater at the site generally flows towards the southwest at an average hydraulic gradient of 0.019 ft/ft. Based on the known geology, the approximate recharge rate of the groundwater and the lack of overall connection of the groundwater across the entire site, it is believed that less than 150 gallons per day of the shallow groundwater would be produced in a single twelve-inch borehole at the site and that the hydraulic conductivity would be less than 1×10^{-4} centimeters/second (cm/sec); therefore; it is concluded that the shallow groundwater is likely Class II (in accordance with 35 Ill Adm. Code Part 620).

- None of the VOCs and SVOCs were detected above the laboratory detection limits in the two soil samples (C-1 and MW-3/5') submitted for analysis; therefore, it is concluded that the soil cuttings that were stockpiled on site can be spread on the property in the wooded area on the east side.

- The groundwater analytical test results indicated that two of the VOCs (PCE and TCE) were detected above the TACO Tier 1 Groundwater Ingestion ROs at one monitoring well location (MW-3); PCE was above Class I & II and TCE was above the Class I RO. Based on the proximity of monitoring well MW-3, the fact that the soil sample submitted from this boring did not show any of the COCs present and no other elevated FID readings were encountered to suggest the soil was impacted, it is concluded that the VOC impact to the groundwater at the site is limited to this general area and that the source of the contamination is likely from an off-site source. Given that the shallow groundwater is likely Class II and not a potable drinking water source, the environmental impact is minimal and there is likely no risk to any potential receptors (human); however, additional work may need to be completed to verify this conclusion. Also, based on the results, it appears that the previous operations at the site did not likely contribute to the local groundwater contamination within the Downers Grove Industrial Park area.

RECOMMENDATIONS

Based on the conclusions of the investigations at the site and in order to confirm the source of the contamination found in the shallow groundwater at the site, the following actions are recommended:

- Complete additional soil borings in the vicinity of monitoring well MW-3 to demonstrate if the geology in that particular area is hydraulically connected to a potential off-site source. An attempt should be made to delineate any sand, gravel, silt or other water-bearing units and determine their connection in the general location of MW-3. For the purposes of this additional phase of investigation it is recommended to complete any additional borings on-site.

- Install three to four additional monitoring wells in both the upgradient and downgradient directions. The exact location of the wells should be determined from the additional soil borings that will first be completed. The wells should be installed within similar stratigraphic units and approximate elevations as MW-3. The new monitoring wells should be sampled for VOCs (SVOCs are not necessary since they have not been identified as COCs at the site) and the elevations tied into the existing monitoring well network in order to better define shallow groundwater flow direction. Several hydraulic conductivity tests should also be completed so that the Class of groundwater can be verified (currently suspected to be Class II).

REFERENCES

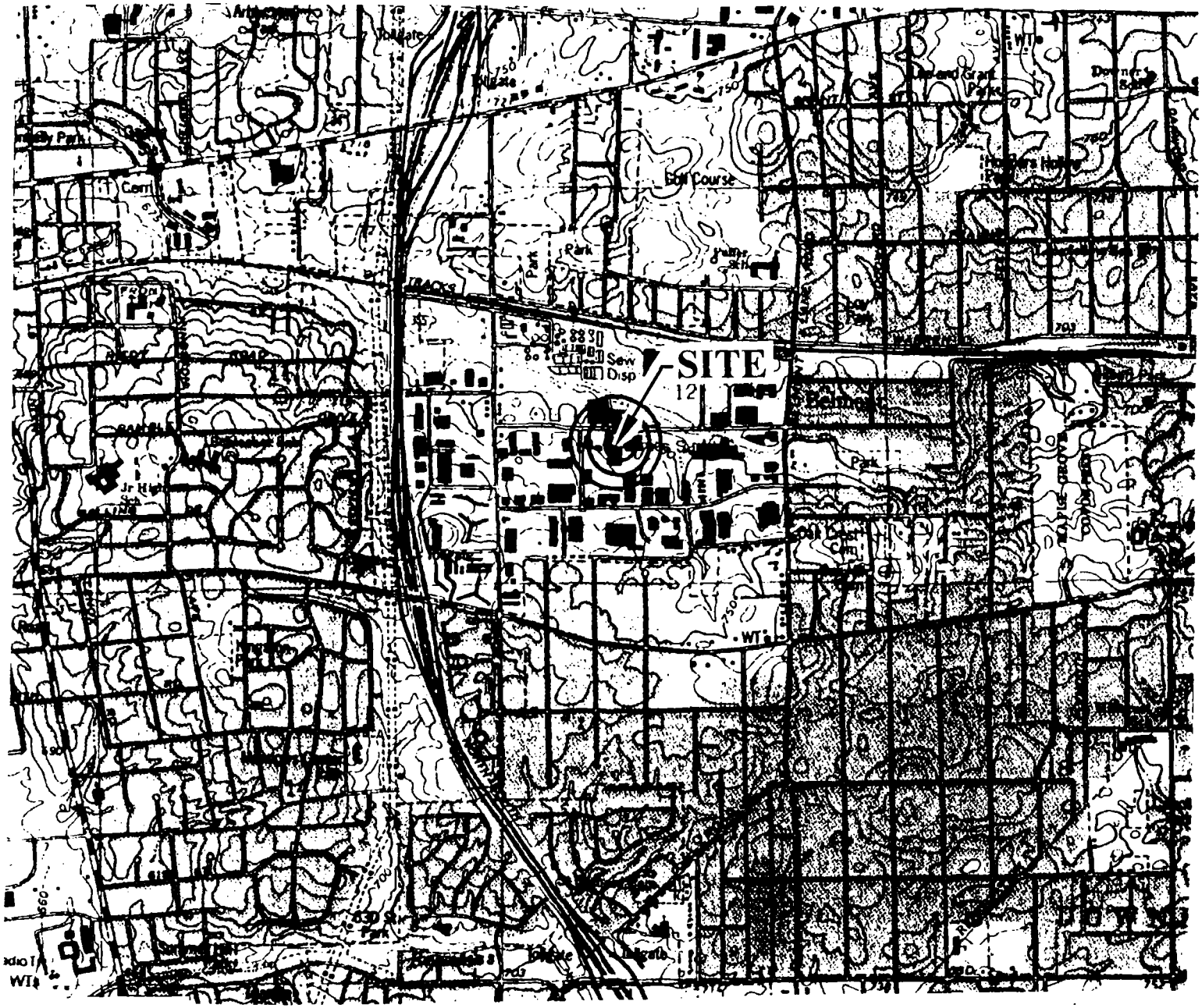
Berg, Richard C., et.al, 1984. Potential for Contamination of Shallow Aquifers in Illinois, Illinois Dept. Of Energy and Natural Resources, Geological Survey Division, Circular 532.

Berg, Richard C., et.al, 1984. Potential for Contamination of Shallow Aquifers in Illinois, Illinois Dept. Of Energy and Natural Resources, Geological Survey Division, Plate 1.

Illinois Pollution Control Board, 1991. Groundwater Quality Standards, 35 ILL. Adm. Code Part 620.

Illinois Pollution Control Board, 1997. Tiered Approach To Corrective Action Objectives (TACO), 35 ILL. Adm. Code Part 742, amended August 15, 2001.

Willman, H.B. et. al. 1975. Handbook of Illinois Stratigraphy. Illinois State Geological Survey Bulletin 95.



WHEATON, ILL.
SE/4 WHEATON 15' QUADRANGLE
41088-G1-TF-024

1993

SCALE 1:24 000

1 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

N

EGSL
Environmental Group Services LTD.
351 W. Hubbard Street Suite 401
Chicago, IL 60610

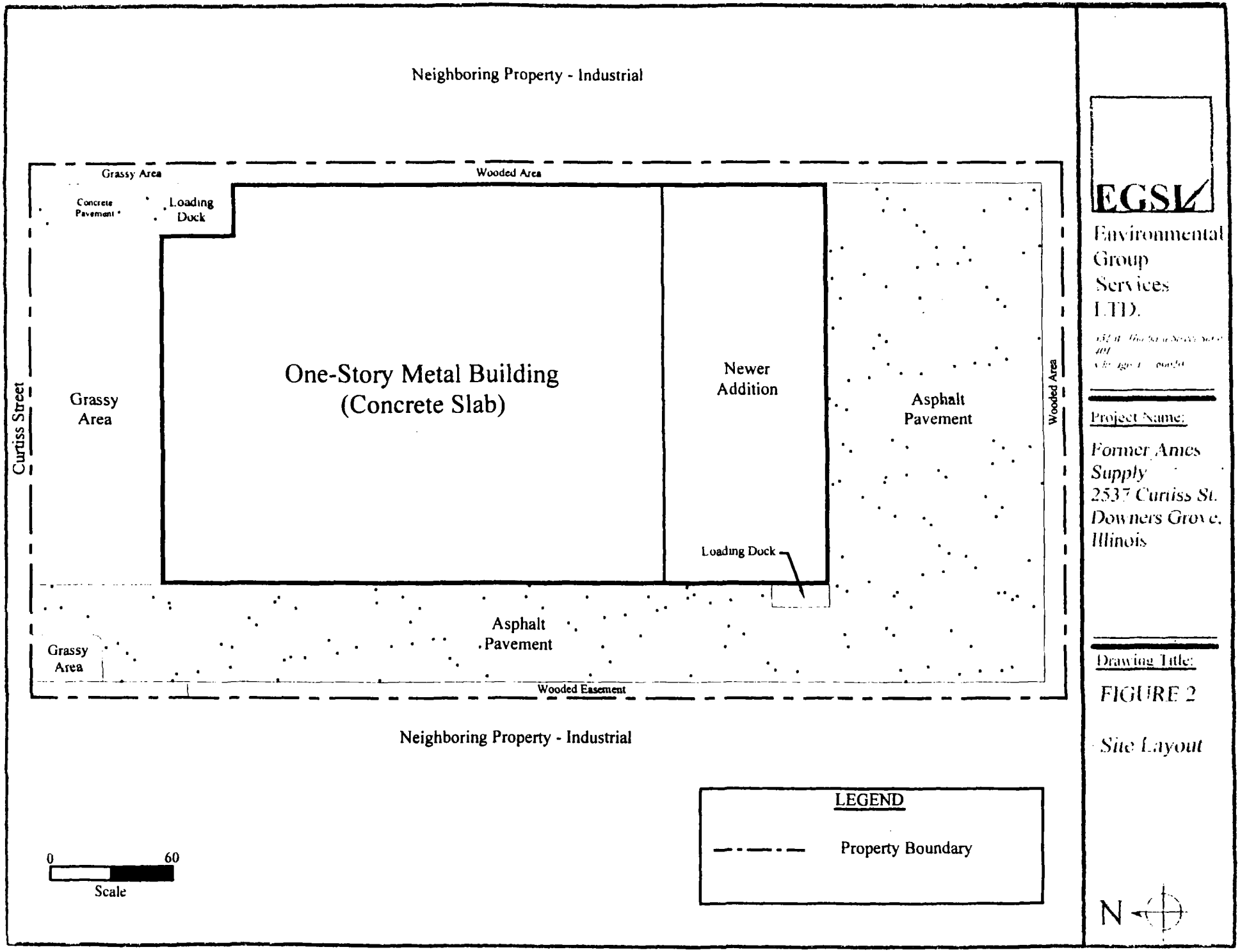
Project Name:

Former Ames Supply
2537 Curtiss St.
Downers Grove, Illinois

Drawing Title:

FIGURE 1

Site Location



EGSL

Environmental Group Services LTD.

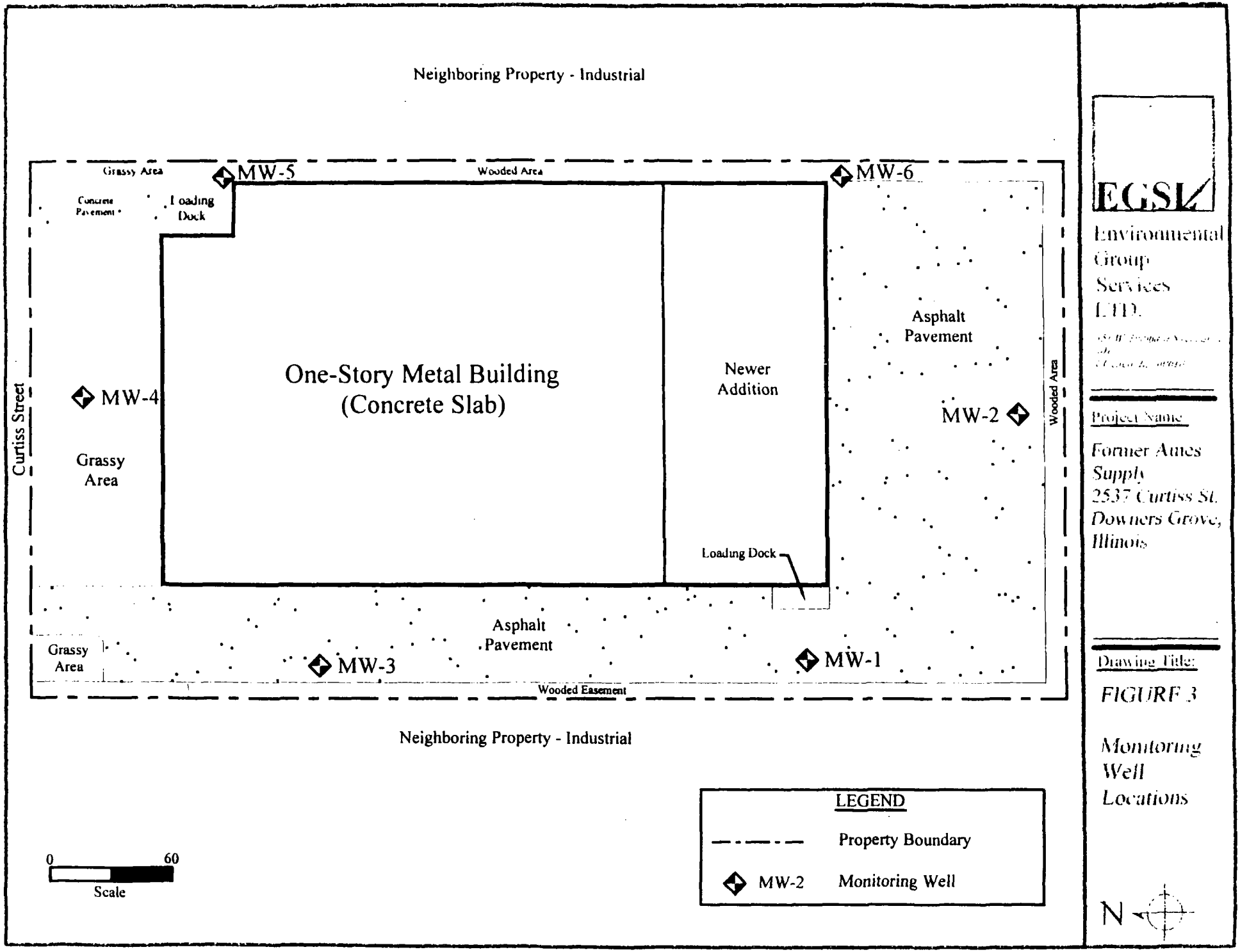
Project Name:

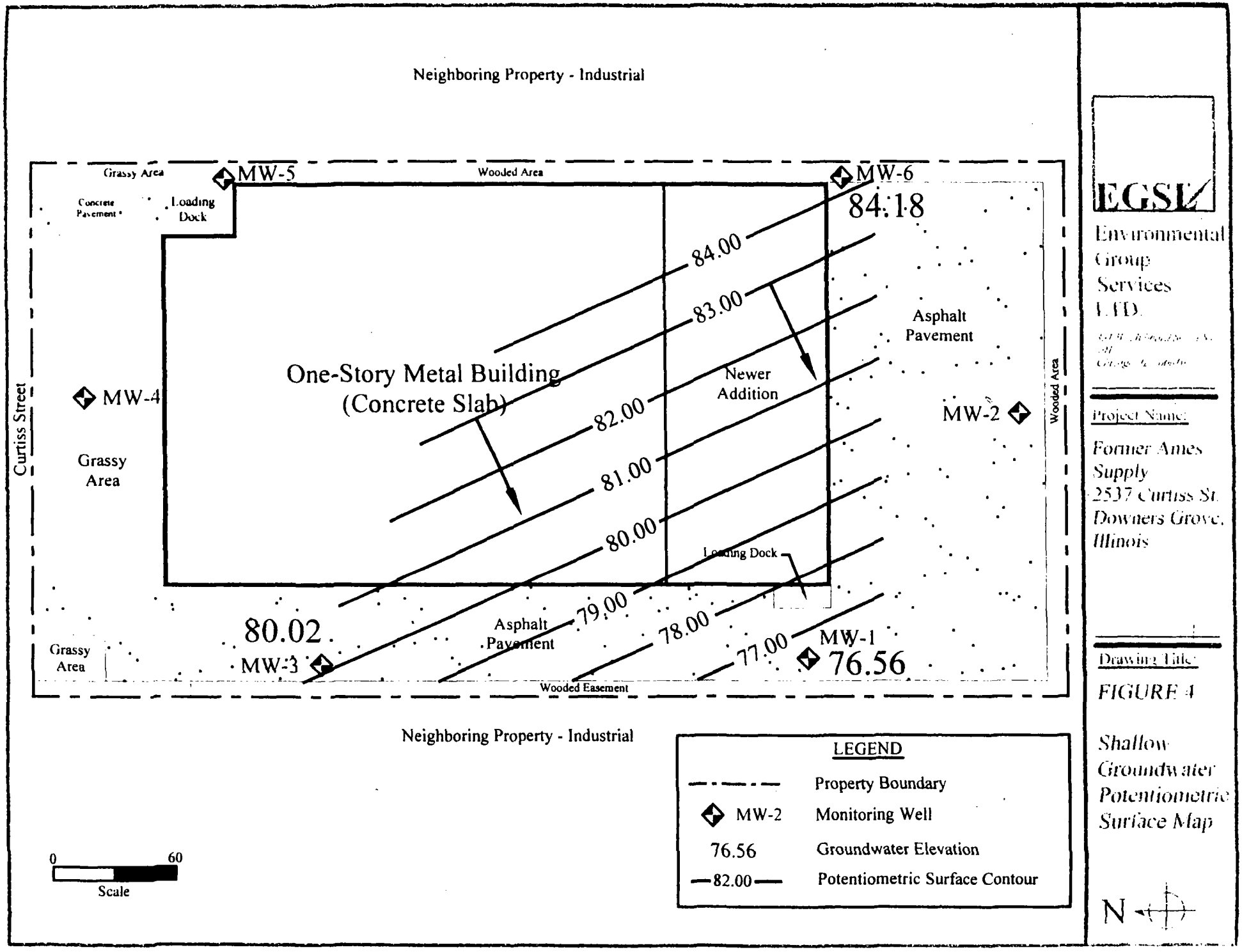
Former Ames Supply
2537 Curtiss St.
Downers Grove, Illinois

Drawing Title:

FIGURE 2

Site Layout


Neighboring Property - Industrial
Grassy Area
MW-5
Wooded Area
MW-6
Concrete Pavement
Loading Dock
Asphalt Pavement
Curtiss Street
MW-4
One-Story Metal Building
(Concrete Slab)
Newer Addition
MW-2
Wooded Area
Grassy Area
Loading Dock
Asphalt Pavement
Grassy Area
MW-3
MW-1
Wooded Easement
Neighboring Property - Industrial
LEGEND
Property Boundary
MW-2 Monitoring Well
0
60
Scale
N
EGSL
Environmental Group Services LTD.
Project Name
Former Ames Supply
2537 Curtiss St.
Downers Grove, Illinois
Drawing Title:
FIGURE 3
Monitoring Well Locations


Neighboring Property - Industrial
Grassy Area
MW-5
Wooded Area
MW-6
84.18
Concrete Pavement
Loading Dock
84.00
83.00
Asphalt Pavement
One-Story Metal Building
(Concrete Slab)
Newer Addition
MW-4
MW-2
Curtiss Street
Grassy Area
82.00
81.00
80.00
Wooded Area
Loading Dock
80.02
Asphalt Pavement
79.00
78.00
77.00
MW-1
76.56
Grassy Area
MW-3
Wooded Easement
Neighboring Property - Industrial
LEGEND
Property Boundary
MW-2 Monitoring Well
76.56 Groundwater Elevation
82.00 Potentiometric Surface Contour
0
60
Scale
N
EGSI
Environmental Group Services LTD.
Project Name:
Former Ames Supply
2537 Curtiss St.
Downers Grove, Illinois
Drawing Title:
FIGURE 4
Shallow Groundwater Potentiometric Surface Map

Job Number: 011332	Boring Number: MW-1	Page 1 of 1
Address: Former Ames Supply 2531 Curtiss Street Downers Grove, IL	Boring Location See Site Diagram	Date: 11-7-01

Sample Number	Sample Type	Sample Recovery %	Depth (feet)	Detailed Soil and Rock Description	PID (ppm)	FID (ppm)	Remarks:
			0.0'				
				0.2' Asphalt Pavement			
1	SS	90		1.0' FILL: Sand and Gravel, moist		0.4	
2	SS	70		FILL: Brown Lean Clay, trace to little sand, trace gravel, moist 3.9'		0.1	
			5.0'	4.9' Tan SILT, wet			
3	SS	80		Brown LEAN CLAY, some sand, trace gravel, moist		0.1	
4	SS	90		6.3' 2" fine sand seam at 6.2'		0.0	
5	SS	85	10.0'	Gray LEAN CLAY, trace to little sand, trace gravel, moist		0.0	
6	SS	100				0.0	
7	SS	100				0.0	
			15.0'				
8	SS	90		15.8' Gray SILT, very moist		0.0	
9	SS	85		16.5' (2" gravel seam at 16.0')		0.0	
10	SS	85	20.0'	19.5' Gray Sandy SILT, very moist		0.0	
11	SS	90		21.0' Gray Clayey SILT, some fine sand, very moist		0.0	
12	SS	85		21.3' Gray Fine to Medium SAND, wet		0.0	
			25.0'	Gray LEAN CLAY, trace to little sand, trace gravel, moist (2" wet sand seam at 23.1')			
13	SS	85		26.2' Gray Fine to Medium SAND, trace fine gravel, wet		0.0	
14	SS	90		26.8' Gray LEAN CLAY, trace to little sand, trace gravel, moist		0.0	
15	SS	80	30.0'	29.2' Gray SILT, some sand, very moist		0.0	
16	SS	80		29.4' Gray Fine Sandy SILT, wet		0.0	
17	SS	70		29.8' Gray LEAN CLAY, trace to little sand, trace gravel, moist		0.0	
			35.0'	34.0' Light Brown & Gray weathered limestone (likely boulder), moist			
18	SS	95		35.5' Gray LEAN CLAY, trace to little sand, trace gravel, moist		0.0	
19	SS	90		39.0' End of Boring at 39.0 feet		0.0	
			40.0'				

Natural Moisture Content — P.L.% — L.L.% — Scale: 0 20 40 60

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

▼ Groundwater Depth While Drilling 21.0'

▽ Groundwater Depth After Drilling _____

Auger Depth 39.0' Rig Type Diedrich D-50

Rotary Depth _____

Driller Enc S Geologist GK

Note: Boring backfilled unless otherwise noted.

Job Number: 011332	Boring Number: MW-2	Page 1 of 1
Address: Former Ames Supply 2531 Curtiss Street Downers Grove, IL	Boring Location See Site Diagram	Date: 11-7-01

Sample Number	Sample Type	Sample Recovery %	Depth (feet)	Detailed Soil and Rock Description	PID (ppm)	FID (ppm)	Remarks:
			0.0'				
				0.2' Asphalt Pavement			
1	SS	45		0.9' FILL: Crushed Gravel, moist		0.2	
2	SS	85		FILL: Brown and Gray Lean Clay, some sand, trace gravel, moist (coarse gravel seam 4.5-4.7')		0.1	
			5.0'	5.0'			
3	SS	85		FILL: Brown Sandy Clay, wet		0.0	
				6.5'			
4	SS	85		Brown & Gray Fine SILTY SAND, wet		0.0	
				7.1'			
5	SS	80	10.0'	Gray LEAN CLAY, trace to little sand, trace gravel, moist		0.0	
6	SS	75		several thin sand seams, wet 12.5-13.0'		0.0	
				13.0'			
7	SS	90		Interbedded Gray LEAN CLAY & FINE TO MEDIUM SAND, wet		0.0	
			15.0'	15.0'			
8	SS	80		Gray LEAN CLAY, trace to little sand, trace gravel, moist		0.0	
9	SS	85				0.0	
10	SS	95	20.0'			0.0	
11	SS	90				0.0	
				23.0'			
				End of Boring at 23.0 feet			
			25.0'				
			30.0'				
			35.0'				
			40.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

▼ Groundwater Depth While Drilling 12.5'

▽ Groundwater Depth After Drilling

Auger Depth 23.0' Rig Type Diedrich D-50

Rotary Depth

Driller Eric S. Geologist GK

Note Boring backfilled unless otherwise noted.

Job Number: 011332	Boring Number: MW-3	Page 1 of 1
Address: Former Ames Supply 2531 Curtiss Street Downers Grove, IL	Boring Location See Site Diagram	Date: 11-8-01

Sample Number	Sample Type	Sample Recovery %	Depth (feet)	Detailed Soil and Rock Description	PID (ppm)	FID (ppm)
			0.0'			
				0.2' Asphalt Pavement		
1	SS	95		0.8' FILL: Crushed Gravel, moist		0.4
2	SS	90		FILL: Brown Lean Clay, trace to little sand, trace gravel, moist (gravel seam 4.0-4.3')		0.5
			5.0'	5.1'		
3	SS	90		Brown LEAN CLAY, little sand, trace gravel, moist		0.1
4	SS	80		(fine sand seam 8.8-9.0')		0.0
				9.0'		
5	SS	25	10.0'	Brown and Gray SAND & GRAVEL, damp		0.0
				11.3'		
6	SS	0		Light Brown COBBLES, some sand, damp		0.0
7	SS	0				0.0
			15.0'			
8	SS	0				0.0
9	SS	10		18.5'		0.0
10	SS	60	20.0'	Brown SAND & GRAVEL, wet		0.0
				21.0'		
11	SS	95		Brown to Gray LEAN CLAY, trace to sand, trace gravel, moist		0.0
12	SS	100				0.0
			25.0'			
13	SS	100		26.5'		0.0
				Gray SILT, wet		
				27.0' (several small silty sand seams)		
			30.0'	End of Boring at 27.0 feet		
			35.0'			
			40.0'			

Natural Moisture Content — P.L.% — L.L.% — Scale: 0 20 40 60

Remarks:

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

▼ Groundwater Depth While Drilling 19.0'

▽ Groundwater Depth After Drilling

Auger Depth 27.0' Rig Type Diedrich D-50

Rotary Depth

Driller Enc S Geologist GK

Note: Boring backfilled unless otherwise noted.

Job Number: 011332	Boring Number: MW-4	Page 1 of 1
Address: Former Ames Supply 2531 Curtiss Street Downers Grove, IL	Boring Location See Site Diagram	Date: 11-8-01

Sample Number	Sample Type	Sample Recovery %	Depth (feet)	Detailed Soil and Rock Description	PID (ppm)	FID (ppm)	Remarks:
			0.0'				
				1.0' Black Organic Clay			
1	SS	35		Brown LEAN CLAY, trace to little sand, trace gravel, moist		0.0	
2	SS	85				0.0	
			5.0'				
3	SS	80				0.0	
				7.5'			
4	SS	0		Light Brown COBBLES, some sand, damp		0.0	
5	SS	0	10.0'			0.0	
6	SS	0				0.0	
7	SS	0		14.9'		0.0	
			15.0'	Reddish-Brown and Tan SAND & GRAVEL, moist			
8	SS	60		16.8' Light Brown COBBLES, some sand,		0.0	
9	SS	30		18.5' damp		0.0	
				Gray LEAN CLAY, trace to little			
10	SS	25	20.0'	19.0' sand, trace gravel, moist		0.0	
11	SS	55		Reddish-Brown and Tan Silty SAND & GRAVEL, moist		0.0	
12	SS	55				0.0	
			25.0'				
				26.0'			
13	SS	70		Gray LEAN CLAY, trace sand, trace gravel, moist		0.0	
14	SS	100				0.0	
				29.5'			
15	SS	100	30.0'	Reddish-Brown & Gray Silty SAND,		0.0	
				30.2' wet			
16	SS	100		Gray LEAN CLAY, trace to little sand, trace gravel, moist		0.0	
17	SS	90		many small (0.5-1.5") sand seams, wet		0.0	
			35.0'				
18	SS	95				0.0	
				37.0'			
				End of Boring at 37.0 feet			
			40.0'				

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

▼ Groundwater Depth While Drilling 29.5'

▽ Groundwater Depth After Drilling _____

Auger Depth 37.0' Rig Type Diedrich D-50

Rotary Depth _____

Driller Eric S Geologist GK

Note: Boring backfilled unless otherwise noted.

Job Number: 011332	Boring Number: MW-5	Page 1 of 1
Address: Former Ames Supply 2531 Curtiss Street Downers Grove, IL	Boring Location See Site Diagram	Date: 11-9-01

Sample Number	Sample Type	Sample Recovery %	Depth (feet)	Detailed Soil and Rock Description	PID (ppm)	FID (ppm)	Remarks:
			0.0'				
				0.5' Black Organic Clay			
1	SS	75		Brown LEAN CLAY, trace to little sand, trace gravel, moist		0.0	
2	SS	70				0.0	
			5.0'				
3	SS	85				0.0	
4	SS	40				0.0	
5	SS	100	10.0'			0.0	
6	SS	60				0.0	
				13.5'			
7	SS	0		Light Brown COBBLES, some sand, damp		0.0	
			15.0'				
8	SS	0		17.0'		0.0	
9	SS	90		Gray LEAN CLAY, trace to little sand, trace gravel, moist		0.0	
10	SS	100	20.0'			0.0	
11	SS	100				0.0	
12	SS	90		multiple small (0.5-1.5") sandy silt and silt seams, wet at 25-32'		0.0	
			25.0'				
13	SS	10				0.0	
14	SS	100				0.0	
15	SS	25	30.0'			0.0	
16	SS	25		32.1'		0.0	
				Gray SILT, little sand, very moist to wet			
17	SS	90		33.0'		0.0	
			35.0'	Gray LEAN CLAY, trace sand, trace gravel, moist			
				35.0'			
				End of Boring at 35.0 feet			
			40.0'				

Natural Moisture Content

P.L.% L.L.%

Scale:

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

▼ Groundwater Depth While Drilling 25.0'

▽ Groundwater Depth After Drilling

Auger Depth 35.0' Rig Type Diedrich D-50

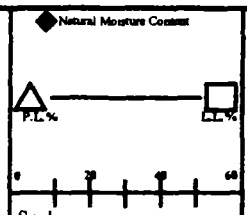
Rotary Depth

Driller Enc S Geologist GK

Note: Boring backfilled unless otherwise noted

Job Number: 011332	Boring Number: MW-6	Page 1 of 1
Address: Former Ames Supply 2531 Curtiss Street Downers Grove, IL	Boring Location See Site Diagram	Date: 11-9-01

Sample Number	Sample Type	Sample Recovery %	Depth (feet)	Detailed Soil and Rock Description	PID (ppm)	FID (ppm)	Remarks:
			0.0'				
1	SS	25		FILL: Brown and Gray Silty Sand & Gravel, some clay, moist		0.1	
				3.5'			
2	SS	45		4.0' FILL: Crushed Gravel, wet		0.1	
3	SS	60	5.0'	Brown Lean Clay, trace sand, tarce gravel, moist		0.0	
				8.1'			
4	SS	100		Gray LEAN CLAY, trace to little sand, trace gravel, moist		0.0	
5	SS	50	10.0'	9.5' 10.0' Brown SAND & GRAVEL, very moist		0.0	
6	SS	100		11.0' Light Brown COBBLES, some sand, moist		0.0	
7	SS	0		12.5' Gray LEAN CLAY, trace sand, trace gravel, moist		0.0	
8	SS	95	15.0'	15.0' Light Brown COBBLES, some sand, moist		0.0	
9	SS	80		19.0' Gray SILT, wet		0.0	
10	SS	90	20.0'	20.5' Gray SAND, some gravel, wet		0.0	
				21.0' Gray SILT, wet			
11	SS	100		23.0' Gray LEAN CLAY, trace sand, trace gravel, moist		0.0	
				End of Boring at 23.0 feet			
			25.0'				
			30.0'				
			35.0'				
			40.0'				



Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

▼ Groundwater Depth While Drilling 15.0'

▽ Groundwater Depth After Drilling _____

Auger Depth 23.0' Rig Type Diedrich D-50

Rotary Depth _____

Driller Enc S Geologist GK

Note Boring backfilled unless otherwise noted.

Illinois Environmental Protection Agency — LUST Well Completion Report

Incident No.:	011332	Well No.:	MW-1
Site Name:	Former Ames Supply	Date Drilled Start:	11/7/01
Drilling Contractor:	CS Drilling	Date Completed:	11/7/01
Driller:	Eric S.	Geologist:	GK
Drilling Method:	4 1/4-INCH ID HOLLOW STEM AUGERS	Drilling Fluids (type):	NONE

Annular Space Details

Type of Surface Seal: CONCRETE
Type of Annular Sealant: BENTONITE CHIPS (HYDRATED)
Type of Bentonite Seal (Granular, Pellet) BENTONITE PELLETS (HYDRATED)
Type of Sand Pack: 20-40 FILTER SILICA SAND

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint		N/A	Locking Cap
Riser pipe above w.t.		SCHED 40	
Riser pipe below w.t.		N/A	
Screen		SCHED 40	
Coupling joint screen to riser		SCHED 40	Flush Thread
Protective casing		STEEL	Flush Mount

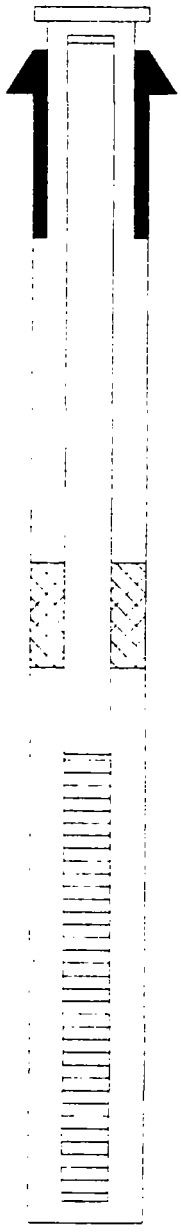
Measurements

to .01 ft (where applicable)

Riser pipe length	19.17
Screen length	10 feet
Screen slot size	0.010-inch
Protective casing length	10 inches
Depth to water	23.76
Elevation of water	76.56
Free product thickness	N/A
Gallons removed (develop)	3.5
Gallons removed (purge)	0.5
Other	slighty silty/reddish brown

Completed by: G. KRAEMER

Elevations - .01 ft.



100.50	Top of Protective Casing
100.32	Top of Riser Pipe
100.50	Ground Surface
100.02	Top of Annular Sealant
0	Casing Stickup
85.15	Top of Seal
2.00	Total Seal Interval (feet)
83.15	Top of Sand
81.15	Top of Screen
10.00	Total Screen Interval (feet)
71.15	Bottom of Screen
60.50	Bottom of Borehole

For Groundwater Monitonng Wells installed due to a release of petroleum subject to Ill. Adm. Code Section 731, Subpart F.

IL 532 2274
LPC 500 Rev. Jul-95

Illinois Environmental Protection Agency — LUST Well Completion Report

Incident No.:	011332	Well No.:	MW-2
Site Name:	Former Ames Supply	Date Drilled Start:	11/7/01
Drilling Contractor:	CS Drilling	Date Completed:	11/8/01
Driller:	Eric S.	Geologist:	GK
Drilling Method:	4 1/4-INCH ID HOLLOW STEM AUGERS	Drilling Fluids (type):	NONE

Annular Space Details

Type of Surface Seal: CONCRETE
Type of Annular Sealant: BENTONITE CHIPS (HYDRATED)
Type of Bentonite Seal (Granular, Pellet) BENTONITE PELLETS (HYDRATED)
Type of Sand Pack: 20-40 FILTER SILICA SAND

Well Construction Materials

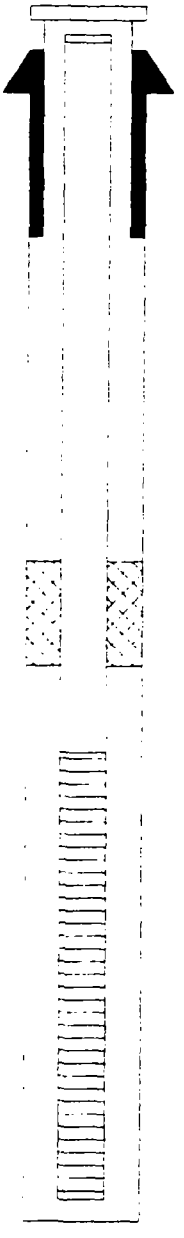
	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint		N/A	Locking Cap
Riser pipe above w.t.		SCHED 40	
Riser pipe below w.t.		N/A	
Screen		SCHED 40	
Coupling joint screen to riser		SCHED 40	Flush Thread
Protective casing		STEEL	Flush Mount

Measurements

to .01 ft (where applicable)

Riser pipe length	11.25
Screen length	10 feet
Screen slot size	0.010-inch
Protective casing length	10 inches
Depth to water	7.97
Elevation of water	92.09
Free product thickness	N/A
Gallons removed (develop)	10
Gallons removed (purge)	1.5
Other	moderate silt/brown-gray

Elevations - .01 ft.



100.33	Top of Protective Casing
100.06	Top of Riser Pipe
100.33	Ground Surface
99.73	Top of Annular Sealant
0	Casing Stickup
92.81	Top of Seal
2.00	Total Seal Interval (feet)
90.81	Top of Sand
88.81	Top of Screen
10.00	Total Screen Interval (feet)
78.81	Bottom of Screen
78.00	Bottom of Borehole

Completed by: G. KRAEMER

For Groundwater Monitoring Wells installed due to a release of petroleum subject to Ill. Adm. Code Section 731, Subpart F.

IL 532 2274
LPC 500 Rev. Jul-95

Illinois Environmental Protection Agency — LUST Well Completion Report

Incident No.:	011332	Well No.:	MW-3
Site Name:	Former Ames Supply	Date Drilled Start:	11/8/01
Drilling Contractor:	CS Drilling	Date Completed:	11/8/01
Driller:	Eric S.	Geologist:	GK
Drilling Method:	4 1/4-INCH ID HOLLOW STEM AUGERS	Drilling Fluids (type):	NONE

Annular Space Details

Type of Surface Seal: CONCRETE
Type of Annular Sealant: BENTONITE CHIPS (HYDRATED)
Type of Bentonite Seal (Granular, Pellet) BENTONITE PELLETS (HYDRATED)
Type of Sand Pack: 20-40 FILTER SILICA SAND

Well Construction Materials

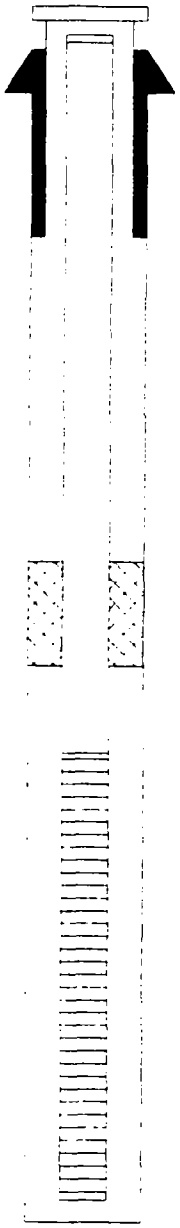
	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint		N/A	Locking Cap
Riser pipe above w.t.		SCHED 40	
Riser pipe below w.t.		N/A	
Screen		SCHED 40	
Coupling joint screen to riser		SCHED 40	Flush Thread
Protective casing		STEEL	Flush Mount

Measurements

to .01 ft (where applicable)

Riser pipe length	16.8
Screen length	10 feet
Screen slot size	0.010-inch
Protective casing length	10 inches
Depth to water	20.29
Elevation of water	80.02
Free product thickness	N/A
Gallons removed (develop)	7
Gallons removed (purge)	1.0
Other	moderate silt/gray

Elevations - .01 ft.



100.61	Top of Protective Casing
100.31	Top of Riser Pipe
100.61	Ground Surface
100.08	Top of Annular Sealant
0	Casing Stickup
88.01	Top of Seal
2.00	Total Seal Interval (feet)
86.01	Top of Sand
83.51	Top of Screen
10.00	Total Screen Interval (feet)
73.51	Bottom of Screen
73.00	Bottom of Borehole

Completed by: G. KRAEMER

For Groundwater Monitoring Wells installed due to a release of petroleum subject to Ill. Adm. Code Section 731, Subpart F.

IL 532 2274
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penalty up to $25,000.00 for each day the failure continues, a fine up to $50,000.00 and imprisonment up to five years. This form has been approved by the Forms Management Center.

Illinois Environmental Protection Agency — LPC 1 Well Completion Report

Incident No.:	011332	Well No.:	MW-4
Site Name:	Former Ames Supply	Date Drilled Start:	11/8/01
Drilling Contractor:	CS Drilling	Date Completed:	11/8/01
Driller:	Eric S.	Geologist:	GK
Drilling Method:	4 1/4-INCH ID HOLLOW STEM AUGERS	Drilling Fluids (type):	NONE

Annular Space Details

Type of Surface Seal: CONCRETE
Type of Annular Sealant: BENTONITE CHIPS (HYDRATED)
Type of Bentonite Seal (Granular, Pellet) BENTONITE PELLETS (HYDRATED)
Type of Sand Pack: 20-40 FILTER SILICA SAND

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint		N/A	Locking Cap
Riser pipe above w.t.		SCHED 40	
Riser pipe below w.t.		N/A	
Screen		SCHED 40	
Coupling joint screen to riser		SCHED 40	Flush Thread
Protective casing		STEEL	Flush Mount

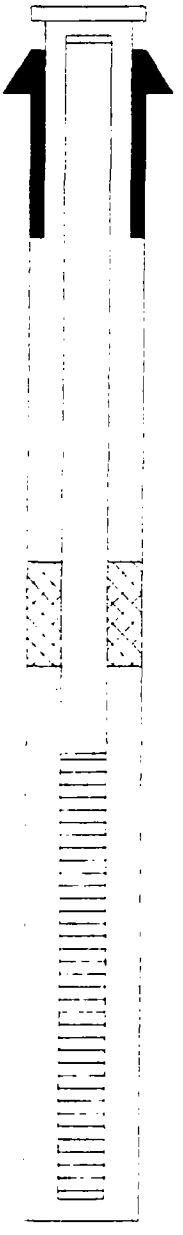
Measurements

to .01 ft (where applicable)

Riser pipe length	27.61
Screen length	10 feet
Screen slot size	0.010-inch
Protective casing length	10 inches
Depth to water	Dry
Elevation of water	NA
Free product thickness	N/A
Gallons removed (develop)	NA
Gallons removed (purge)	NA
Other	NA

Completed by G. KRAEMER

Elevations - .01 ft.



100.79	Top of Protective Casing
100.61	Top of Riser Pipe
97.77	Ground Surface
95.77	Top of Annular Sealant
3.02	Casing Stickup
77.50	Top of Seal
2.30	Total Seal Interval (feet)
75.20	Top of Sand
73.00	Top of Screen
10.00	Total Screen Interval (feet)
63.00	Bottom of Screen
59.00	Bottom of Borehole

For Groundwater Monitoring Wells installed due to a release of petroleum subject to Ill. Adm. Code Section 731, Subpart F.

IL 532 2274
LPC 500 Rev Jul-95

penalty up to $25,000.00 for each day the failure continues, a fine up to $50,000.00 and imprisonment up to five years. This form has been approved by the Forms Management Center

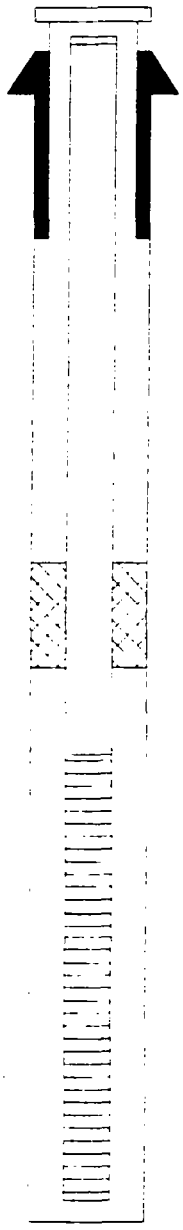
Illinois Environmental Protection Agency — LUST Well Completion Report

Incident No.:	011332	Well No.:	MW-6
Site Name:	Former Ames Supply	Date Drilled Start:	11/9/01
Drilling Contractor:	CS Drilling	Date Completed:	11/9/01
Driller:	Eric S.	Geologist:	GK
Drilling Method:	4 1/4-INCH ID HOLLOW STEM AUGERS	Drilling Fluids (type):	NONE

Annular Space Details

Type of Surface Seal: CONCRETE
Type of Annular Sealant: BENTONITE CHIPS (HYDRATED)
Type of Bentonite Seal (Granular, Pellet) BENTONITE PELLETS (HYDRATED)
Type of Sand Pack: 20-40 FILTER SILICA SAND

Elevations - .01 ft.



102.19	Top of Protective Casing
102.00	Top of Riser Pipe
99.93	Ground Surface
99.70	Top of Annular Sealant
2.26	Casing Stickup
90.94	Top of Seal
2.10	Total Seal Interval (feet)
88.84	Top of Sand
86.84	Top of Screen
10.00	Total Screen Interval (feet)
76.84	Bottom of Screen
78.00	Bottom of Borehole

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint		N/A	Locking Cap
Riser pipe above w.t.		SCHED 40	
Riser pipe below w.t.		N/A	
Screen		SCHED 40	
Coupling joint screen to riser		SCHED 40	Flush Thread
Protective casing		STEEL	Flush Mount

Measurements

to .01 ft (where applicable)

Riser pipe length	15.16
Screen length	10 feet
Screen slot size	0.010-inch
Protective casing length	10 inches
Depth to water	17.82
Elevation of water	84.18
Free product thickness	N/A
Gallons removed (develop)	7
Gallons removed (purge)	1.0
Other	slightly silty/light brown

Completed by: G. KRAEMER

For Groundwater Monitoring Wells installed due to a release of petroleum subject to Ill. Adm. Code Section 731, Subpart F.

IL 532 2274
LPC 500 Rev Jul-95

Table 1 - Monitoring Well and Groundwater Elevation Data, Former Ames Supply, 2537 Curtiss Street, Downers Grove, Illinois

MONITORING WELL NUMBER	TOTAL DEPTH (ft bgs)	GROUND SURFACE ELEVATION	TOIC ELEVATION	DEPTH TO GROUNDWATER (ft toic)				GROUNDWATER ELEVATION (ft)			
				11/13/01	11/16/01			6/27/01	7/5/01		
MW-1	29.35	100.50	100.32	24.75	23.76			75.57	76.56		
MW-2	21.52	100.33	100.06	7.73	7.97			92.33	92.09		
MW-3	27.10	100.61	100.31	20.45	20.29			79.86	80.02		
MW-4	34.77	97.77	100.61	Dry	Dry			NA	NA		
MW-5	33.01	95.66	97.93	Dry	Dry			NA	NA		
MW-6	23.09	99.93	102.00	17.81	17.82			84.19	84.18		

toic	Top of Inner Casing
ft bgs	feet below ground surface
ft toic	feet below top of inner (well) casing
NA	Not Applicable

Table 2 - Summary of EGSL Analytical Results for VOCs in Soil Compared to TACO Tier 1 Soil Remediation Objectives for Industrial-Commercial Properties, Former Ames Supply, Downers Grove, Illinois

VOCs	Exposure Route-Specific Values for Soils				Soil Component of the Groundwater Ingestion Exposure Route Values		Soil Boring Number Soil Sample Depth (Feet)				
	Industrial-Commercial		Construction Worker				C-1	MW-3	Trip		
Method 5035/8260B	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II	Composite[1]	5'	Blank		
Chemical Compound	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)		
cis-1,3-Dichloropropene	33	0.23	610	0.33	0.004	0.02	ND	ND	ND		
trans 1,3-Dichloropropene	33	0.23	610	0.33	0.004	0.02	ND	ND	ND		
Ethylbenzene	200,000	400	20,000	58	13	19	ND	ND	ND		
2-Hexanone	---	---	---	---	---	---	ND	ND	ND		
Methylene chloride	760	24	12,000	34	0.02	0.2	ND	ND	ND		
4-Methyl-2-pentanone	---	---	---	---	---	---	ND	ND	ND		
Styrene	410,000	1,500	41,000	430	4	18	137	ND	ND		
1,1,2,2-Tetrachloroethane	---	---	---	---	---	---	ND	ND	ND		
Tetrachloroethene	110	20	2,400	28	0.06	0.3	ND	ND	ND		
Toluene	410,000	650	410,000	42	12	29	ND	ND	ND		
1,1,1-Trichloroethane	---	1,200	---	1,200	2	9.6	ND	ND	ND		
1,1,2-Trichloroethane	8,200	1,800	8,200	1,800	0.02	0.3	ND	ND	ND		
Trichloroethene	520	8.9	1,200	12	0.06	0.3	ND	ND	ND		
Trichlorofluoromethane	---	---	---	---	---	---	ND	ND	ND		
Vinyl acetate	1,000,000	1,600	200,000	10	170	170	ND	ND	ND		
Vinyl chloride	3	0.06	65	0.08	0.01	0.07	ND	ND	ND		
Xylenes, total	1,000,000	320	410,000	320	150	150	ND	ND	ND		

	Indicates that value exceeds the Class II Remediation Objective for one or more pathways.
---	Indicates that there is no current value available.
1	Composite sample of MW-1 (3'), MW-1 (17') MW-2 (3'), MW-3 (5'), and MW-4 (26').
ND	Not detected above the laboratory detection limit.
mg/kg	milligrams/kilogram, equivalent to parts per million.

Table 2 - Summary of EGSL Analytical Results for VOCs in Soil Compared to TACO Tier 1 Soil Remediation Objectives for Industrial-Commercial Properties, Former Ames Supply, Downers Grove, Illinois

VOCs	Exposure Route-Specific Values for Soils				Soil Component of the Groundwater Ingestion Exposure Route Values		Soil Boring Number Soil Sample Depth (Feet)				
	Industrial-Commercial		Construction Worker				C-1	MW-3	Trip		
Method 5035/8260	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II	Composite[1]	5'	Blank		
Chemical Compound	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)		
Acetone	200,000	100,000	200,000	100,000	16	16	ND	ND	ND		
Benzene	100	1.8	2,300	2.2	0.03	0.17	ND	ND	ND		
Bromodichloromethane	92	3,000	2,000	3,000	0.6	0.6	ND	ND	ND		
Bromoform	720	100	16,000	140	0.8	0.8	ND	ND	ND		
Bromomethane	---	---	---	---	---	---	ND	ND	ND		
2-Butanone	---	---	---	---	---	---	ND	ND	ND		
Carbon disulfide	200,000	720	20,000	9.0	32	160	ND	ND	ND		
Carbon tetrachloride	44	0.64	410	0.90	0.07	0.33	ND	ND	ND		
Chlorobenzene	41,000	210	4,100	1.3	1	6.5	ND	ND	ND		
Chlorodibromomethane	41,000	1,300	41,000	1,300	0.4	0.4	ND	ND	ND		
Chloroethane	---	---	---	---	---	---	ND	ND	ND		
Chloroform	940	0.54	2,000	0.76	0.6	2.9	ND	ND	ND		
Chloromethane	---	---	---	---	---	---	ND	ND	ND		
1,1-Dichloroethane	200,000	1,700	200,000	130	23	110	ND	ND	ND		
1,2-Dichloroethane	63	0.70	1,400	0.99	0.02	0.1	ND	ND	ND		
1,1-Dichloroethene	18,000	1,500	1,800	1,500	0.06	0.3	ND	ND	ND		
cis-1,2-Dichloroethene	20,000	1,200	20,000	1,200	0.4	1.1	ND	ND	ND		
trans-1,2-Dichloroethene	41,000	3,100	41,000	3,100	0.7	3.4	ND	ND	ND		
1,2-Dichloropropane	84	23	1,800	0.50	0.03	0.15	ND	ND	ND		

	Indicates that value exceeds the Class II Remediation Objective for one or more pathways.
---	Indicates that there is no current value available.
[1]	Composite sample of MW-1 (3'), MW-1 (17') MW-2 (3'), MW-3 (5'), and MW-4 (26').
ND	Not detected above the laboratory detection limit.
mg/kg	milligrams/kilogram, equivalent to parts per million.

Table 3 - Summary of EGSL Analytical Results for SVOCs in Soil Compared to TACO Tier 1 Soil Remediation Objectives for Industrial-Commercial Properties, Former Ames Supply, Downers Grove, Illinois

SVOCs	Exposure Route-Specific Values for Soils				Soil Component of the Groundwater Ingestion Exposure Route Values		Soil Boring Number / Soil Sample Depth (Feet)			
	Industrial-Commercial		Construction Worker				C-1	MW-3		
Method 8270	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II	Composite[1]	5'		
Chemical Compound	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)		
Acenaphthene	120,000	---	120,000	---	570	2,900	ND	ND		
Acenaphthylene	---	---	---	---	---	---	ND	ND		
Aniline	---	---	---	---	---	---	ND	ND		
Anthracene	610,000	---	610,000	---	12,000	59,000	ND	ND		
Benzoic Acid	1,000,000	---	820,000	---	400	400	ND	ND		
Benzo(a)anthracene	8	---	170	---	2	8	ND	ND		
Benzo(a)pyrene	0.8	---	17	---	8	82	ND	ND		
Benzo(b)fluoranthene	8	---	170	---	5	25	ND	ND		
Benzo(ghi)perylene	---	---	---	---	---	---	ND	ND		
Benzo(k)fluoranthene	78	---	1,700	---	49	250	ND	ND		
Benzyl Alcohol	---	---	---	---	---	---	ND	ND		
Bis(2-chloroethyloxy)methane	---	---	---	---	---	---	ND	ND		
Bis(2-chloroethyl)ether	5	0.47	75	0.66	0.0004	0.0004	ND	ND		
Bis(2-chloroisopropyl)ether	---	---	---	---	---	---	ND	ND		
Bis(2-ethylhexyl)phthalate	410	31,000	4,100	31,000	3,600	31,000	ND	ND		
4-Bromophenyl phenyl ether	---	---	---	---	---	---	ND	ND		
Butyl benzyl phthalate	410,000	930	410,000	930	930	930	ND	ND		
4-Chloroaniline	8,200	---	820	---	0.7	0.7	ND	ND		
4-Chloro-3-methylphenol	---	---	---	---	---	---	ND	ND		
2-Chloronaphthalene	---	---	---	---	---	---	ND	ND		
2-Chlorophenol	10,000	53,000	10,000	53,000	4	20	ND	ND		
4-Chlorophenyl phenyl ether	---	---	---	---	---	---	ND	ND		
Chrysene	780	---	17,000	---	160	800	ND	ND		
Dibenzo(a,h)anthracene	0.8	---	17	---	2	7.6	ND	ND		

	Indicates that value exceeds Remediation Objective for one or more pathways.
---	Indicates that there is no current value available.
1	Composite sample of MW-1 (3'), MW-1 (17') MW-2 (3'), MW-3 (5'), and MW-4 (26').
ND	Not detected above the laboratory detection limit.
mg/kg	milligrams/kilogram, equivalent to parts per million.

Table 3 - Summary of EGSL Analytical Results for SVOCs in Soil Compared to TACO Tier 1 Soil Remediation Objectives for Industrial-Commercial Properties, Former Ames Supply, Downers Grove, Illinois

SVOCs Method 8270 Chemical Compound	Exposure Route-Specific Values for Soils				Soil Component of the Groundwater Ingestion Exposure Route Values		Soil Boring Number Soil Sample Depth (Feet)			
	Industrial-Commercial		Construction Worker				C-1	MW-3		
	Ingestion (mg/kg)	Inhalation (mg/kg)	Ingestion (mg/kg)	Inhalation (mg/kg)	Class I (mg/kg)	Class II (mg/kg)	Composite[1] (mg/kg)	5' (mg/kg)		
Dibenzofuran	---	---	---	---	---	---	ND	ND		
1,2-Dichlorobenzene	180,000	560	18,000	310	17	43	ND	ND		
1,3-Dichlorobenzene	---	---	---	---	---	---	ND	ND		
1,4-Dichlorobenzene	---	17,000	---	340	2	11	ND	ND		
3,3-Dichlorobenzidine	13	---	280	---	0.007	0.033	ND	ND		
2,4-Dichlorophenol	6100	---	610	---	1	1	ND	ND		
Diethylphthalate	1,000,000	2,000	1,000,000	2,000	470	470	ND	ND		
2,4-Dimethylphenol	41,000	---	41,000	---	9	9	ND	ND		
Dimethylphthalate	---	---	---	---	---	---	ND	ND		
Di-n-butylphthalate	200,000	2,300	200,000	2,300	2,300	2,300	ND	ND		
4,6-Dinitro-2-methylphenol	---	---	---	---	---	---	ND	ND		
2,4-Dinitrophenol	4,100	---	410	---	0.2	0.2	ND	ND		
2,4-Dinitrotoluene	8.4	---	180	---	0.0008	0.0008	ND	ND		
2,6-Dinitrotoluene	8.4	---	180	---	0.0007	0.0007	ND	ND		
Di-n-octylphthalate	41,000	10,000	4,100	10,000	10,000	10,000	ND	ND		
Fluoranthene	82,000	---	82,000	---	4,300	21,000	ND	ND		
Fluorene	82,000	---	82,000	---	560	2,800	ND	ND		
Hexachlorobenzene	4	1.8	78	2.6	2	11	ND	ND		
Hexachlorobutadiene	---	---	---	---	---	---	ND	ND		
Hexachlorocyclopentadiene	14,000	16	14,000	1.1	400	2,200	ND	ND		
Hexachloroethane	2,000	---	2,000	---	0.6	2.6	ND	ND		
Indeno(1,2,3-cd)pyrene	8	---	170	---	14	69	ND	ND		
Isophorone	410,000	4,600	410,000	4,600	8	8	ND	ND		

	Indicates that value exceeds Remediation Objective for one or more pathways.
---	Indicates that there is no current value available.
1	Composite sample of MW-1 (3'), MW-1 (17') MW-2 (3'), MW-3 (5'), and MW-4 (26').
ND	Not detected above the laboratory detection limit.
mg/kg	milligrams/kilogram, equivalent to parts per million.

Table 3 - Summary of EGSL Analytical Results for SVOCs in Soil Compared to TACO Tier 1 Soil Remediation Objectives for Industrial-Commercial Properties, Former Ames Supply, Downers Grove, Illinois

SVOCs Method 8270 Chemical Compound	Exposure Route-Specific Values for Soils: Industrial-Commercial Ingestion (mg/kg)	Industrial-Commercial Inhalation (mg/kg)	Construction Worker Ingestion (mg/kg)	Construction Worker Inhalation (mg/kg)	Soil Component of the Groundwater Ingestion Exposure Route Values: Class I (mg/kg)	Class II (mg/kg)	Soil Boring Number / Soil Sample Depth (Feet): C-1 Composite[1] (mg/kg)	MW-3 5' (mg/kg)		
2-Methylnaphthalene	---	---	---	---	---	---	ND	ND		
o-Cresol	100,000	---	100,000	---	15	15	ND	ND		
m,p-Cresols							ND	ND		
Naphthalene	41,000	270	4,100	1.8	12	18	ND	ND		
2-Nitroaniline	---	---	---	---	---	---	ND	ND		
3-Nitroaniline	---	---	---	---	---	---	ND	ND		
4-Nitroaniline	---	---	---	---	---	---	ND	ND		
Nitrobenzene	1,000	140	1,000	9.4	0.1	0.1	ND	ND		
2-Nitrophenol	---	---	---	---	---	---	ND	ND		
4-Nitrophenol	---	---	---	---	---	---	ND	ND		
N-Nitrosodi-n-propylamine	0.8	---	16	---	0.00005	0.00005	ND	ND		
N-Nitrosodiphenylamine	1,200	---	25,000	---	1	5.6	ND	ND		
Pentachlorophenol	24	---	520	---	0.03	0.14	ND	ND		
Phenanthrene	---	---	---	---	---	---	ND	ND		
Phenol	1,000,000	---	120,000	---	100	100	ND	ND		
Pyrene	61,000	---	61,000	---	4,200	21,000	ND	ND		
1,2,4-Trichlorobenzene	20,000	3,200	2,000	920	5	53	ND	ND		
2,4,5-Trichlorophenol	200,000	---	200,000	---	270	1,400	ND	ND		
2,4,6-Trichlorophenol	520	390	11,000	540	0.2	0.77	ND	ND		

	Indicates that value exceeds Remediation Objective for one or more pathways.
---	Indicates that there is no current value available.
1	Composite sample of MW-1 (3'), MW-1 (17') MW-2 (3'), MW-3 (5'), and MW-4 (26').
ND	Not detected above the laboratory detection limit.
mg/kg	milligrams/kilogram, equivalent to parts per million.

GREAT LAKES ANALYTICAL

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20 November 2001

Gerald Kraemer
EGSL
351 W. Hubbard, Suite 401
Chicago, IL 60610
RE: Former Ames Supply

Enclosed are the results of analyses for samples received by the laboratory on 11/09/01. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Andy Johnson
Project Manager

GREAT LAKES ANALYTICAL

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EGSL
351 W. Hubbard, Suite 401
Chicago IL, 60610

Project: Former Ames Supply
Project Number: 011332
Project Manager: Gerald Kraemer

Reported:
11/20/01 14:28

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
C-1	B111156-01	Soil	11/09/01 09:00	11/09/01 15:12
MW-3 (5)	B111156-02	Soil	11/09/01 09:00	11/09/01 15:12
Trip Blank	B111156-03	Water	11/09/01 09:00	11/09/01 15:12

Great Lakes Analytical

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL

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EGSL
351 W. Hubbard, Suite 401
Chicago IL, 60610

Project: Former Ames Supply
Project Number: 011332
Project Manager: Gerald Kraemer

Reported:
11/20/01 14:28

Volatile Organic Compounds by EPA Method 8260B

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Trip Blank (B111156-03) Water	**Sampled: 11/09/01 09:00**	**Received: 11/09/01 15:12**							**G1,G3**
Acetone	ND	10.0	ug/l	1	1110312	11/16/01	11/16/01	5030B/8260B	
Benzene	ND	2.00	"	"	"	"	"	"	
Bromodichloromethane	ND	2.00	"	"	"	"	"	"	
Bromoform	ND	2.00	"	"	"	"	"	"	
Bromomethane	ND	2.00	"	"	"	"	"	"	
2-Butanone	ND	10.0	"	"	"	"	"	"	
Carbon disulfide	ND	2.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	2.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	2.00	"	"	"	"	"	"	
Chloroethane	ND	2.00	"	"	"	"	"	"	
Chloroform	ND	2.00	"	"	"	"	"	"	
Chloromethane	ND	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.00	"	"	"	"	"	"	
Ethylbenzene	ND	2.00	"	"	"	"	"	"	
2-Hexanone	ND	10.0	"	"	"	"	"	"	
Methylene chloride	ND	2.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	10.0	"	"	"	"	"	"	
Styrene	ND	2.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.00	"	"	"	"	"	"	
Tetrachloroethene	ND	2.00	"	"	"	"	"	"	
Toluene	ND	2.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.00	"	"	"	"	"	"	
Trichloroethene	ND	2.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.00	"	"	"	"	"	"	
Vinyl acetate	ND	2.00	"	"	"	"	"	"	
Vinyl chloride	ND	2.00	"	"	"	"	"	"	
Total Xylenes	ND	2.00	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*103 %*	*91.1-111*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*85.1-104*		"	"	"	"	
Surrogate: Toluene-d8		*99.6 %*	*95.1-105*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.6 %*	*89.6-105*		"	"	"	"	

Great Lakes Analytical

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Andy Johnson, Project Manager

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EGSL
351 W. Hubbard, Suite 401
Chicago IL, 60610

Project: Former Ames Supply
Project Number: 011332
Project Manager: Gerald Kraemer

Reported:
11/20/01 14:28

Volatile Organic Compounds by EPA Method 5035/8260B

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C-1 (B111156-01) Soil Sampled: 11/09/01 09:00 Received: 11/09/01 15:12									O3,G4
Acetone	ND	27.4	ug/kg dry	1	1110346	11/19/01	11/14/01	5035/8260B	
Benzene	ND	5.48	"	"	"	"	"	"	
Bromodichloromethane	ND	5.48	"	"	"	"	"	"	
Bromoform	ND	5.48	"	"	"	"	"	"	
Bromomethane	ND	5.48	"	"	"	"	"	"	
2-Butanone	ND	11.0	"	"	"	"	"	"	
Carbon disulfide	ND	5.48	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.48	"	"	"	"	"	"	
Chlorobenzene	ND	5.48	"	"	"	"	"	"	
Chlorodibromomethane	ND	5.48	"	"	"	"	"	"	
Chloroethane	ND	5.48	"	"	"	"	"	"	
Chloroform	ND	5.48	"	"	"	"	"	"	
Chloromethane	ND	5.48	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.48	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.48	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.48	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.48	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.48	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.48	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.48	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.48	"	"	"	"	"	"	
Ethylbenzene	ND	5.48	"	"	"	"	"	"	
2-Hexanone	ND	11.0	"	"	"	"	"	"	
Methylene chloride	ND	5.48	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	11.0	"	"	"	"	"	"	
Styrene	ND	5.48	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.48	"	"	"	"	"	"	
Tetrachloroethene	ND	5.48	"	"	"	"	"	"	
Toluene	ND	5.48	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.48	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.48	"	"	"	"	"	"	
Trichloroethene	ND	5.48	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.48	"	"	"	"	"	"	
Vinyl acetate	ND	11.0	"	"	"	"	"	"	
Vinyl chloride	ND	5.48	"	"	"	"	"	"	
Total Xylenes	ND	5.48	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*91.4 %*	*81.2-134*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*49.5 %*	*50.8-145*		"	"	"	"	O4
Surrogate: Toluene-d8		*66.2 %*	*82-121*		"	"	"	"	O4
Surrogate: 4-Bromofluorobenzene		*58.1 %*	*76.8-113*		"	"	"	"	O4

Great Lakes Analytical

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Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL

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EGSL
351 W. Hubbard, Suite 401
Chicago IL, 60610

Project: Former Ames Supply
Project Number: 011332
Project Manager: Gerald Kraemer

Reported:
11/20/01 14:28

Volatile Organic Compounds by EPA Method 5035/8260B

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (5) (B111156-02) Soil Sampled: 11/09/01 09:00 Received: 11/09/01 15:12									O3,G-
Acetone	ND	28.5	ug/kg dry	1	1110346	11/19/01	11/14/01	5035/8260B	
Benzene	ND	5.69	"	"	"	"	"	"	
Bromodichloromethane	ND	5.69	"	"	"	"	"	"	
Bromoform	ND	5.69	"	"	"	"	"	"	
Bromomethane	ND	5.69	"	"	"	"	"	"	
2-Butanone	ND	11.4	"	"	"	"	"	"	
Carbon disulfide	ND	5.69	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.69	"	"	"	"	"	"	
Chlorobenzene	ND	5.69	"	"	"	"	"	"	
Chlorodibromomethane	ND	5.69	"	"	"	"	"	"	
Chloroethane	ND	5.69	"	"	"	"	"	"	
Chloroform	ND	5.69	"	"	"	"	"	"	
Chloromethane	ND	5.69	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.69	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.69	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.69	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.69	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.69	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.69	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.69	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.69	"	"	"	"	"	"	
Ethylbenzene	ND	5.69	"	"	"	"	"	"	
2-Hexanone	ND	11.4	"	"	"	"	"	"	
Methylene chloride	ND	5.69	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	11.4	"	"	"	"	"	"	
Styrene	ND	5.69	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.69	"	"	"	"	"	"	
Tetrachloroethene	ND	5.69	"	"	"	"	"	"	
Toluene	ND	5.69	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.69	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.69	"	"	"	"	"	"	
Trichloroethene	ND	5.69	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.69	"	"	"	"	"	"	
Vinyl acetate	ND	11.4	"	"	"	"	"	"	
Vinyl chloride	ND	5.69	"	"	"	"	"	"	
Total Xylenes	ND	5.69	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*87.9 %*	*81.2-134*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*45.3 %*	*50.8-145*		"	"	"	"	O4
Surrogate: Toluene-d8		*70.5 %*	*82-121*		"	"	"	"	O4
Surrogate: 4-Bromofluorobenzene		*68.8 %*	*76.8-113*		"	"	"	"	O4

Great Lakes Analytical

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Andy Johnson, Project Manager

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Project: Former Ames Supply
Project Number: 011332
Project Manager: Gerald Kraemer

Reported:
11/20/01 14:28

Semivolatile Organic Compounds by EPA Method 8270C

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C-1 (B111156-01) Soil Sampled: 11/09/01 09:00 Received: 11/09/01 15:12									**G1,G2,G15**
Acenaphthene	ND	110	ug/kg dry	1	1110232	11/13/01	11/15/01	EPA 8270C	
Acenaphthylene	ND	110	"	"	"	"	"	"	
Aniline	ND	110	"	"	"	"	"	"	
Anthracene	ND	110	"	"	"	"	"	"	
Benzoic acid	ND	548	"	"	"	"	"	"	
Benz (a) anthracene	ND	110	"	"	"	"	"	"	
Benzo (a) pyrene	ND	63.6	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	110	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	110	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	110	"	"	"	"	"	"	
Benzyl alcohol	ND	110	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	110	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	110	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	110	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	362	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	110	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	110	"	"	"	"	"	"	
4-Chloroaniline	ND	110	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	110	"	"	"	"	"	"	
2-Chloronaphthalene	ND	110	"	"	"	"	"	"	
2-Chlorophenol	ND	110	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	110	"	"	"	"	"	"	
Chrysene	ND	110	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	63.6	"	"	"	"	"	"	
Dibenzofuran	ND	110	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	110	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	110	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	110	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	548	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	110	"	"	"	"	"	"	
Diethyl phthalate	ND	110	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	110	"	"	"	"	"	"	
Dimethyl phthalate	ND	110	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	362	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	548	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	548	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	110	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	110	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	110	"	"	"	"	"	"	
Fluoranthene	ND	110	"	"	"	"	"	"	
Fluorene	ND	110	"	"	"	"	"	"	
Hexachlorobenzene	ND	110	"	"	"	"	"	"	

Great Lakes Analytical

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Andy Johnson, Project Manager

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Project: Former Ames Supply
Project Number: 011332
Project Manager: Gerald Kraemer

Reported:
11/20/01 14:28

Semivolatile Organic Compounds by EPA Method 8270C

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C-1 (B111156-01) Soil Sampled: 11/09/01 09:00 Received: 11/09/01 15:12									**G1,G2,G15**
Hexachlorobutadiene	ND	110	ug/kg dry	1	1110232	11/13/01	11/15/01	EPA 8270C	
Hexachlorocyclopentadiene	ND	110	"	"	"	"	"	"	
Hexachloroethane	ND	110	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	110	"	"	"	"	"	"	
Isophorone	ND	110	"	"	"	"	"	"	
2-Methylnaphthalene	ND	110	"	"	"	"	"	"	
o-Cresol	ND	110	"	"	"	"	"	"	
m,p-Cresols	ND	110	"	"	"	"	"	"	
Naphthalene	ND	110	"	"	"	"	"	"	
2-Nitroaniline	ND	548	"	"	"	"	"	"	
3-Nitroaniline	ND	548	"	"	"	"	"	"	
4-Nitroaniline	ND	548	"	"	"	"	"	"	
Nitrobenzene	ND	110	"	"	"	"	"	"	
2-Nitrophenol	ND	110	"	"	"	"	"	"	
4-Nitrophenol	ND	548	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	110	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	110	"	"	"	"	"	"	
Pentachlorophenol	ND	548	"	"	"	"	"	"	
Phenanthrene	ND	110	"	"	"	"	"	"	
Phenol	ND	110	"	"	"	"	"	"	
Pyrene	ND	110	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	110	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	548	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	110	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*31.2 %*	*10-109*		"	"	"	"	
Surrogate: Phenol-d6		*70.9 %*	*10-115*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*78.4 %*	*10-114*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*63.8 %*	*10-106*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*54.3 %*	*19.3-88.7*		"	"	"	"	
Surrogate: p-Terphenyl-d14		*100 %*	*10-126*		"	"	"	"	

Great Lakes Analytical

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Project: Former Ames Supply
Project Number: 011332
Project Manager: Gerald Kraemer

Reported:
11/20/01 14:28

Semivolatile Organic Compounds by EPA Method 8270C

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (5) (B111156-02) Soil Sampled: 11/09/01 09:00 Received: 11/09/01 15:12									G1,G2,G1
Acenaphthene	ND	114	ug/kg dry	1	1110232	11/13/01	11/15/01	EPA 8270C	
Acenaphthylene	ND	114	"	"	"	"	"	"	
Aniline	ND	114	"	"	"	"	"	"	
Anthracene	ND	114	"	"	"	"	"	"	
Benzoic acid	ND	569	"	"	"	"	"	"	
Benz (a) anthracene	ND	114	"	"	"	"	"	"	
Benzo (a) pyrene	ND	66.1	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	114	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	114	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	114	"	"	"	"	"	"	
Benzyl alcohol	ND	114	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	114	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	114	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	114	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	376	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	114	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	114	"	"	"	"	"	"	
4-Chloroaniline	ND	114	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	114	"	"	"	"	"	"	
2-Chloronaphthalene	ND	114	"	"	"	"	"	"	
2-Chlorophenol	ND	114	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	114	"	"	"	"	"	"	
Chrysene	ND	114	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	66.1	"	"	"	"	"	"	
Dibenzofuran	ND	114	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	114	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	114	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	114	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	569	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	114	"	"	"	"	"	"	
Diethyl phthalate	ND	114	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	114	"	"	"	"	"	"	
Dimethyl phthalate	ND	114	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	376	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	569	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	569	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	114	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	114	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	114	"	"	"	"	"	"	
Fluoranthene	ND	114	"	"	"	"	"	"	
Fluorene	ND	114	"	"	"	"	"	"	
Hexachlorobenzene	ND	114	"	"	"	"	"	"	

Great Lakes Analytical

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Andy Johnson, Project Manager

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351 W. Hubbard, Suite 401	Project Number: 011332	**Reported:**
Chicago IL, 60610	Project Manager: Gerald Kraemer	11/20/01 14:28

Semivolatile Organic Compounds by EPA Method 8270C

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (5) (B111156-02) Soil	**Sampled: 11/09/01 09:00**	**Received: 11/09/01 15:12**							**G1,G2,G15**
Hexachlorobutadiene	ND	114	ug/kg dry	1	1110232	11/13/01	11/15/01	EPA 8270C	
Hexachlorocyclopentadiene	ND	114	"	"	"	"	"	"	
Hexachloroethane	ND	114	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	114	"	"	"	"	"	"	
Isophorone	ND	114	"	"	"	"	"	"	
2-Methylnaphthalene	ND	114	"	"	"	"	"	"	
o-Cresol	ND	114	"	"	"	"	"	"	
m,p-Cresols	ND	114	"	"	"	"	"	"	
Naphthalene	ND	114	"	"	"	"	"	"	
2-Nitroaniline	ND	569	"	"	"	"	"	"	
3-Nitroaniline	ND	569	"	"	"	"	"	"	
4-Nitroaniline	ND	569	"	"	"	"	"	"	
Nitrobenzene	ND	114	"	"	"	"	"	"	
2-Nitrophenol	ND	114	"	"	"	"	"	"	
4-Nitrophenol	ND	569	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	114	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	114	"	"	"	"	"	"	
Pentachlorophenol	ND	569	"	"	"	"	"	"	
Phenanthrene	ND	114	"	"	"	"	"	"	
Phenol	ND	114	"	"	"	"	"	"	
Pyrene	ND	114	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	114	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	569	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	114	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*31.8 %*	*10-109*		"	"	"	"	
Surrogate: Phenol-d6		*74.2 %*	*10-115*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*80.9 %*	*10-114*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*62.9 %*	*10-106*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*57.6 %*	*19.3-88.7*		"	"	"	"	
Surrogate: p-Terphenyl-d14		*105 %*	*10-126*		"	"	"	"	

Great Lakes Analytical

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Project: Former Ames Supply
Project Number: 011332
Project Manager: Gerald Kraemer

Reported:
11/20/01 14:28

Percent Solids

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	No
C-1 (B111156-01) Soil Sampled: 11/09/01 09:00 Received: 11/09/01 15:12									
% Solids	**91.2**	0.100	%	1	1110243	11/14/01	11/14/01	Balance	
MW-3 (5) (B111156-02) Soil Sampled: 11/09/01 09:00 Received: 11/09/01 15:12									
% Solids	**87.8**	0.100	%	1	1110243	11/14/01	11/14/01	Balance	

Great Lakes Analytical

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Project Manager: Gerald Kraemer

Reported:
11/20/01 14:28

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1110312 - EPA 5030B (P/T)										
Blank (1110312-BLK1)				Prepared & Analyzed: 11/16/01						
Acetone	ND	10.0	ug/l							
Benzene	ND	2.00	"							
Bromodichloromethane	ND	2.00	"							
Bromoform	ND	2.00	"							
Bromomethane	ND	2.00	"							
2-Butanone	ND	10.0	"							
Carbon disulfide	ND	2.00	"							
Carbon tetrachloride	ND	2.00	"							
Chlorobenzene	ND	2.00	"							
Chlorodibromomethane	ND	2.00	"							
Chloroethane	ND	2.00	"							
Chloroform	ND	2.00	"							
Chloromethane	ND	2.00	"							
1,1-Dichloroethane	ND	2.00	"							
1,2-Dichloroethane	ND	2.00	"							
1,1-Dichloroethene	ND	2.00	"							
cis-1,2-Dichloroethene	ND	2.00	"							
trans-1,2-Dichloroethene	ND	2.00	"							
1,2-Dichloropropane	ND	2.00	"							
cis-1,3-Dichloropropene	ND	2.00	"							
trans-1,3-Dichloropropene	ND	2.00	"							
Ethylbenzene	ND	2.00	"							
2-Hexanone	ND	10.0	"							
Methylene chloride	ND	2.00	"							
4-Methyl-2-pentanone	ND	10.0	"							
Styrene	ND	2.00	"							
1,1,2,2-Tetrachloroethane	ND	2.00	"							
Tetrachloroethene	ND	2.00	"							
Toluene	ND	2.00	"							
1,1,1-Trichloroethane	ND	2.00	"							
1,1,2-Trichloroethane	ND	2.00	"							
Trichloroethene	ND	2.00	"							
Trichlorofluoromethane	ND	2.00	"							
Vinyl acetate	ND	2.00	"							
Vinyl chloride	ND	2.00	"							
Total Xylenes	ND	2.00	"							
Surrogate: Dibromofluoromethane	*53.9*		"	*50.0*		*108*	*91.1-111*			
Surrogate: 1,2-Dichloroethane-d4	*50.6*		"	*50.0*		*101*	*85.1-104*			

Great Lakes Analytical

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Andy Johnson, Project Manager

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Volatile Organic Compounds by EPA Method 8260B - Quality Control
Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1110312 - EPA 5030B (P/T)										
Blank (1110312-BLK1)				Prepared & Analyzed: 11/16/01						
Surrogate: Toluene-d8	*50.9*		*ug/l*	*50.0*		*102*	*95.1-105*			
Surrogate: 4-Bromofluorobenzene	*46.6*		"	*50.0*		*93.2*	*89.6-105*			
LCS (1110312-BS1)				Prepared & Analyzed: 11/16/01						
Acetone	308	10.0	ug/l	50.0		616	10-194			
Benzene	58.6	2.00	"	50.0		117	84.9-115			
Bromodichloromethane	60.6	2.00	"	50.0		121	74.3-130			
Bromoform	50.9	2.00	"	50.0		102	70.1-120			
Bromomethane	64.0	2.00	"	50.0		128	10-258			
2-Butanone	89.4	10.0	"	50.0		179	10-147			
Carbon disulfide	106	2.00	"	50.0		212	43.4-146			
Carbon tetrachloride	49.6	2.00	"	50.0		99.2	60.5-138			
Chlorobenzene	52.3	2.00	"	50.0		105	85.4-115			
Chlorodibromomethane	53.3	2.00	"	50.0		107	78.8-116			
Chloroethane	54.5	2.00	"	50.0		109	10-455			
Chloroform	61.0	2.00	"	50.0		122	74.5-134			
Chloromethane	75.2	2.00	"	50.0		150	78.7-128			
1,1-Dichloroethane	62.4	2.00	"	50.0		125	76.8-120			
1,2-Dichloroethane	57.6	2.00	"	50.0		115	66.7-129			
1,1-Dichloroethene	63.5	2.00	"	50.0		127	72.7-125			
cis-1,2-Dichloroethene	59.8	2.00	"	50.0		120	87-123			
trans-1,2-Dichloroethene	63.2	2.00	"	50.0		126	77.9-119			
1,2-Dichloropropane	65.2	2.00	"	50.0		130	88.3-115			
cis-1,3-Dichloropropene	61.1	2.00	"	50.0		122	81.2-120			
trans-1,3-Dichloropropene	67.9	2.00	"	50.0		136	75.2-126			
Ethylbenzene	53.1	2.00	"	50.0		106	84.3-119			
2-Hexanone	85.9	10.0	"	50.0		172	21.4-142			
Methylene chloride	99.2	2.00	"	50.0		198	62.5-140			
4-Methyl-2-pentanone	62.8	10.0	"	50.0		126	38.2-141			
Styrene	52.9	2.00	"	50.0		106	86.6-117			
1,1,2,2-Tetrachloroethane	52.8	2.00	"	50.0		106	13.2-197			
Tetrachloroethene	44.8	2.00	"	50.0		89.6	76.6-120			
Toluene	55.3	2.00	"	50.0		111	86.3-120			
1,1,1-Trichloroethane	62.2	2.00	"	50.0		124	63.5-146			
1,1,2-Trichloroethane	59.4	2.00	"	50.0		119	84.5-124			
Trichloroethene	55.5	2.00	"	50.0		111	51.4-153			
Trichlorofluoromethane	202	2.00	"	50.0		404	10-586			
Vinyl acetate	20.3	2.00	"	50.0		40.6	10-219			

Great Lakes Analytical

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Andy Johnson, Project Manager

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Project: Former Ames Supply
Project Number: 011332
Project Manager: Gerald Kraemer

Reported:
11/20/01 14:28

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1110312 - EPA 5030B (P/T)										
LCS (1110312-BS1)				Prepared & Analyzed: 11/16/01						
Vinyl chloride	46.6	2.00	ug/l	50.0		93.2	71-120			
Total Xylenes	156	2.00	"	150		104	88.3-118			
Surrogate: Dibromofluoromethane	*54.5*		"	*50.0*		*109*	*91.1-111*			
Surrogate: 1,2-Dichloroethane-d4	*51.8*		"	*50.0*		*104*	*85.1-104*			
Surrogate: Toluene-d8	*52.1*		"	*50.0*		*104*	*95.1-105*			
Surrogate: 4-Bromofluorobenzene	*48.3*		"	*50.0*		*96.6*	*89.6-105*			
Matrix Spike (1110312-MS1)	**Source: B111067-01**			Prepared: 11/16/01 Analyzed: 11/19/01						
Acetone	31.9	10.0	ug/l	50.0	ND	63.8	10-269			
Benzene	52.5	2.00	"	50.0	ND	105	71.4-115			
Bromodichloromethane	55.2	2.00	"	50.0	ND	110	65.3-134			
Bromoform	53.6	2.00	"	50.0	ND	107	54.6-132			
Bromomethane	51.0	2.00	"	50.0	ND	102	10-176			
2-Butanone	53.3	10.0	"	50.0	ND	107	10-201			
Carbon disulfide	66.7	2.00	"	50.0	ND	133	23.4-143			
Carbon tetrachloride	42.2	2.00	"	50.0	ND	84.4	26.3-133			
Chlorobenzene	52.4	2.00	"	50.0	ND	105	77.4-108			
Chlorodibromomethane	50.3	2.00	"	50.0	ND	101	72.8-117			
Chloroethane	32.0	2.00	"	50.0	ND	64.0	10-293			
Chloroform	56.0	2.00	"	50.0	ND	112	70.8-124			
Chloromethane	45.0	2.00	"	50.0	ND	90.0	61.3-109			
1,1-Dichloroethane	55.7	2.00	"	50.0	ND	111	63.3-114			
1,2-Dichloroethane	57.8	2.00	"	50.0	ND	116	54.5-137			
1,1-Dichloroethene	54.8	2.00	"	50.0	ND	110	36.1-115			
cis-1,2-Dichloroethene	91.6	2.00	"	50.0	4.17	175	64.8-129			
trans-1,2-Dichloroethene	53.0	2.00	"	50.0	ND	104	54.7-113			
1,2-Dichloropropane	53.2	2.00	"	50.0	ND	106	77.8-114			
cis-1,3-Dichloropropene	56.2	2.00	"	50.0	ND	112	67.3-117			
trans-1,3-Dichloropropene	56.2	2.00	"	50.0	ND	112	57.3-124			
Ethylbenzene	50.4	2.00	"	50.0	ND	101	68.3-111			
2-Hexanone	56.2	10.0	"	50.0	ND	112	10-225			
Methylene chloride	61.5	2.00	"	50.0	ND	123	45.6-150			
4-Methyl-2-pentanone	57.8	10.0	"	50.0	ND	116	10-208			
Styrene	53.6	2.00	"	50.0	ND	107	49.7-126			
1,1,2,2-Tetrachloroethane	63.2	2.00	"	50.0	ND	126	20.6-223			
Tetrachloroethene	44.5	2.00	"	50.0	ND	89.0	45.1-113			
Toluene	52.3	2.00	"	50.0	ND	105	71.3-118			
1,1,1-Trichloroethane	47.5	2.00	"	50.0	ND	95.0	42.5-128			

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Project Number: 011332
Project Manager: Gerald Kraemer

Reported:
11/20/01 14:28

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	N
Batch 1110312 - EPA 5030B (P/T)										
Matrix Spike (1110312-MS1)	**Source: B111067-01**			Prepared: 11/16/01		Analyzed: 11/19/01				
1,1,2-Trichloroethane	57.1	2.00	ug/l	50.0	ND	114	70.1-139			
Trichloroethene	45.9	2.00	"	50.0	ND	91.8	53.5-106			
Trichlorofluoromethane	54.0	2.00	"	50.0	ND	108	10-417			
Vinyl acetate	92.6	2.00	"	50.0	ND	185	10-239			
Vinyl chloride	47.8	2.00	"	50.0	3.12	89.4	37.4-113			
Total Xylenes	156	2.00	"	150	ND	104	70.8-111			
Surrogate: Dibromofluoromethane	*54.0*		"	*50.0*		*108*	*91.1-111*			
Surrogate: 1,2-Dichloroethane-d4	*53.2*		"	*50.0*		*106*	*85.1-104*			
Surrogate: Toluene-d8	*50.7*		"	*50.0*		*101*	*95.1-105*			
Surrogate: 4-Bromofluorobenzene	*49.6*		"	*50.0*		*99.2*	*89.6-105*			
Matrix Spike Dup (1110312-MSD1)	**Source: B111067-01**			Prepared: 11/16/01		Analyzed: 11/19/01				
Acetone	28.5	10.0	ug/l	50.0	ND	57.0	10-269	11.3	73.8	
Benzene	50.6	2.00	"	50.0	ND	101	71.4-115	3.69	19.1	
Bromodichloromethane	53.9	2.00	"	50.0	ND	108	65.3-134	2.38	15.6	
Bromoform	53.6	2.00	"	50.0	ND	107	54.6-132	0.00	36.2	
Bromomethane	44.3	2.00	"	50.0	ND	88.6	10-176	14.1	45.7	
2-Butanone	51.5	10.0	"	50.0	ND	103	10-201	3.44	61.6	
Carbon disulfide	59.7	2.00	"	50.0	ND	119	23.4-143	11.1	23.6	
Carbon tetrachloride	39.8	2.00	"	50.0	ND	79.6	26.3-133	5.85	26.2	
Chlorobenzene	51.4	2.00	"	50.0	ND	103	77.4-108	1.93	12.2	
Chlorodibromomethane	49.9	2.00	"	50.0	ND	99.8	72.8-117	0.798	23.9	
Chloroethane	41.2	2.00	"	50.0	ND	82.4	10-293	25.1	36.9	
Chloroform	54.2	2.00	"	50.0	ND	108	70.8-124	3.27	10.6	
Chloromethane	41.6	2.00	"	50.0	ND	83.2	61.3-109	7.85	20.1	
1,1-Dichloroethane	53.4	2.00	"	50.0	ND	107	63.3-114	4.22	12.7	
1,2-Dichloroethane	56.9	2.00	"	50.0	ND	114	54.5-137	1.57	27.2	
1,1-Dichloroethene	49.9	2.00	"	50.0	ND	99.8	36.1-115	9.36	23	
cis-1,2-Dichloroethene	86.6	2.00	"	50.0	4.17	165	64.8-129	5.61	19.6	
trans-1,2-Dichloroethene	49.8	2.00	"	50.0	ND	97.6	54.7-113	6.23	17.4	
1,2-Dichloropropane	51.7	2.00	"	50.0	ND	103	77.8-114	2.86	16.4	
cis-1,3-Dichloropropene	55.3	2.00	"	50.0	ND	111	67.3-117	1.61	15.7	
trans-1,3-Dichloropropene	55.3	2.00	"	50.0	ND	111	57.3-124	1.61	26.3	
Ethylbenzene	48.5	2.00	"	50.0	ND	97.0	68.3-111	3.84	13.5	
2-Hexanone	56.6	10.0	"	50.0	ND	113	10-225	0.709	58.3	
Methylene chloride	58.7	2.00	"	50.0	ND	117	45.6-150	4.66	11.4	
4-Methyl-2-pentanone	57.2	10.0	"	50.0	ND	114	10-208	1.04	69.7	
Styrene	52.4	2.00	"	50.0	ND	105	49.7-126	2.26	18.6	

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Project Manager: Gerald Kraemer

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11/20/01 14:28

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1110312 - EPA 5030B (P/T)										
Matrix Spike Dup (1110312-MSD1)	**Source: B111067-01**			Prepared: 11/16/01 Analyzed: 11/19/01						
1,1,2,2-Tetrachloroethane	61.3	2.00	ug/l	50.0	ND	123	20.6-223	3.05	50.3	
Tetrachloroethene	41.5	2.00	"	50.0	ND	83.0	45.1-113	6.98	17.6	
Toluene	50.1	2.00	"	50.0	ND	100	71.3-118	4.30	19.4	
1,1,1-Trichloroethane	44.9	2.00	"	50.0	ND	89.8	42.5-128	5.63	18.4	
1,1,2-Trichloroethane	56.2	2.00	"	50.0	ND	112	70.1-139	1.59	32.5	
Trichloroethene	44.4	2.00	"	50.0	ND	88.8	53.5-106	3.32	20.9	
Trichlorofluoromethane	48.3	2.00	"	50.0	ND	96.6	10-417	11.1	29.2	
Vinyl acetate	89.3	2.00	"	50.0	ND	179	10-239	3.63	34.5	
Vinyl chloride	44.1	2.00	"	50.0	3.12	82.0	37.4-113	8.05	23.5	
Total Xylenes	151	2.00	"	150	ND	101	70.8-111	3.26	12.4	
Surrogate: Dibromofluoromethane	*53.4*		"	*50.0*		*107*	*91.1-111*			
Surrogate: 1,2-Dichloroethane-d4	*51.9*		"	*50.0*		*104*	*85.1-104*			
Surrogate: Toluene-d8	*50.3*		"	*50.0*		*101*	*95.1-105*			
Surrogate: 4-Bromofluorobenzene	*49.4*		"	*50.0*		*98.8*	*89.6-105*			

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Volatile Organic Compounds by EPA Method 5035/8260B - Quality Control
Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1110346 - EPA 5035B [P/T]										
Blank (1110346-BLK1)				Prepared: 11/19/01 Analyzed: 11/20/01						
Acetone	ND	25.0	ug/kg wet							
Benzene	ND	5.00	"							
Bromodichloromethane	ND	5.00	"							
Bromoform	ND	5.00	"							
Bromomethane	ND	5.00	"							
2-Butanone	ND	10.0	"							
Carbon disulfide	ND	5.00	"							
Carbon tetrachloride	ND	5.00	"							
Chlorobenzene	ND	5.00	"							
Chlorodibromomethane	ND	5.00	"							
Chloroethane	ND	5.00	"							
Chloroform	ND	5.00	"							
Chloromethane	ND	5.00	"							
1,1-Dichloroethane	ND	5.00	"							
1,2-Dichloroethane	ND	5.00	"							
1,1-Dichloroethene	ND	5.00	"							
cis-1,2-Dichloroethene	ND	5.00	"							
trans-1,2-Dichloroethene	ND	5.00	"							
1,2-Dichloropropane	ND	5.00	"							
cis-1,3-Dichloropropene	ND	5.00	"							
trans-1,3-Dichloropropene	ND	5.00	"							
Ethylbenzene	ND	5.00	"							
2-Hexanone	ND	10.0	"							
Methylene chloride	8.44	5.00	"							
4-Methyl-2-pentanone	ND	10.0	"							
Styrene	ND	5.00	"							
1,1,2,2-Tetrachloroethane	ND	5.00	"							
Tetrachloroethene	ND	5.00	"							
Toluene	ND	5.00	"							
1,1,1-Trichloroethane	ND	5.00	"							
1,1,2-Trichloroethane	ND	5.00	"							
Trichloroethene	ND	5.00	"							
Trichlorofluoromethane	ND	5.00	"							
Vinyl acetate	ND	10.0	"							
Vinyl chloride	ND	5.00	"							
Total Xylenes	ND	5.00	"							
Surrogate: Dibromofluoromethane	*34.0*		"	*50.0*		*68.0*	*81.2-134*			
Surrogate: 1,2-Dichloroethane-d4	*48.6*		"	*50.0*		*97.2*	*50.8-145*			

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11/20/01 14:28

Volatile Organic Compounds by EPA Method 5035/8260B - Quality Control
Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1110346 - EPA 5035B [P/T]										
Blank (1110346-BLK1)				Prepared: 11/19/01 Analyzed: 11/20/01						
Surrogate: Toluene-d8	*52.5*		*ug/kg wet*	*50.0*		*105*	*82-121*			
Surrogate: 4-Bromofluorobenzene	*38.7*		"	*50.0*		*77.4*	*76.8-113*			
LCS (1110346-BS1)				Prepared & Analyzed: 11/19/01						
Acetone	51.8	25.0	ug/kg wet	50.0		104	10-166			
Benzene	61.3	5.00	"	50.0		123	62.1-138			
Bromodichloromethane	65.2	5.00	"	50.0		130	64.3-125			
Bromoform	49.3	5.00	"	50.0		98.6	47.5-124			
Bromomethane	30.8	5.00	"	50.0		61.6	49.2-198			
2-Butanone	42.0	10.0	"	50.0		84.0	10-214			
Carbon disulfide	45.3	5.00	"	50.0		90.6	10-175			
Carbon tetrachloride	72.5	5.00	"	50.0		145	51.1-134			
Chlorobenzene	59.1	5.00	"	50.0		118	63.5-135			
Chlorodibromomethane	53.7	5.00	"	50.0		107	67.5-121			
Chloroethane	61.5	5.00	"	50.0		123	10-537			
Chloroform	49.8	5.00	"	50.0		99.6	69.2-124			
Chloromethane	29.7	5.00	"	50.0		59.4	67.4-162			
1,1-Dichloroethane	39.2	5.00	"	50.0		78.4	63-127			
1,2-Dichloroethane	53.7	5.00	"	50.0		107	57.5-125			
1,1-Dichloroethene	44.6	5.00	"	50.0		89.2	59.9-129			
cis-1,2-Dichloroethene	43.3	5.00	"	50.0		86.6	64.4-137			
trans-1,2-Dichloroethene	44.6	5.00	"	50.0		89.2	59-136			
1,2-Dichloropropane	65.5	5.00	"	50.0		131	66.3-132			
cis-1,3-Dichloropropene	58.2	5.00	"	50.0		116	67.9-124			
trans-1,3-Dichloropropene	57.7	5.00	"	50.0		115	63.6-124			
Ethylbenzene	58.0	5.00	"	50.0		116	60-141			
2-Hexanone	40.0	10.0	"	50.0		80.0	10-175			
Methylene chloride	39.7	5.00	"	50.0		79.4	28.4-149			
4-Methyl-2-pentanone	41.8	10.0	"	50.0		83.6	10-188			
Styrene	51.1	5.00	"	50.0		102	64.6-136			
1,1,2,2-Tetrachloroethane	36.7	5.00	"	50.0		73.4	68.4-137			
Tetrachloroethene	61.4	5.00	"	50.0		123	57.6-142			
Toluene	59.6	5.00	"	50.0		119	64.1-134			
1,1,1-Trichloroethane	65.8	5.00	"	50.0		132	60-134			
1,1,2-Trichloroethane	53.5	5.00	"	50.0		107	76.4-125			
Trichloroethene	64.9	5.00	"	50.0		130	61.8-132			
Trichlorofluoromethane	90.9	5.00	"	50.0		182	14.6-241			
Vinyl acetate	42.6	10.0	"	50.0		85.2	10-161			

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Volatile Organic Compounds by EPA Method 5035/8260B - Quality Control
Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1110346 - EPA 5035B [P/T]										
LCS (1110346-BS1)				Prepared & Analyzed: 11/19/01						
Vinyl chloride	37.6	5.00	ug/kg wet	50.0		75.2	57.9-143			
Total Xylenes	152	5.00	"	150		101	60-141			
Surrogate: Dibromofluoromethane	*44.8*		"	*50.0*		*89.6*	*81.2-134*			
Surrogate: 1,2-Dichloroethane-d4	*46.4*		"	*50.0*		*92.8*	*50.8-145*			
Surrogate: Toluene-d8	*50.3*		"	*50.0*		*101*	*82-121*			
Surrogate: 4-Bromofluorobenzene	*48.6*		"	*50.0*		*97.2*	*76.8-113*			
LCS Dup (1110346-BSD1)				Prepared: 11/19/01 Analyzed: 11/20/01						
Acetone	49.2	25.0	ug/kg wet	50.0		98.4	10-166	5.15	345	
Benzene	55.7	5.00	"	50.0		111	62.1-138	9.57	41.4	
Bromodichloromethane	57.5	5.00	"	50.0		115	64.3-125	12.6	42	
Bromoform	40.7	5.00	"	50.0		81.4	47.5-124	19.1	57.4	
Bromomethane	37.2	5.00	"	50.0		74.4	49.2-198	18.8	61.9	
2-Butanone	33.9	10.0	"	50.0		67.8	10-214	21.3	173	
Carbon disulfide	42.1	5.00	"	50.0		84.2	10-175	7.32	126	
Carbon tetrachloride	67.8	5.00	"	50.0		136	51.1-134	6.70	43.5	
Chlorobenzene	55.5	5.00	"	50.0		111	63.5-135	6.28	39	
Chlorodibromomethane	44.4	5.00	"	50.0		88.8	67.5-121	19.0	41.6	
Chloroethane	75.4	5.00	"	50.0		151	10-537	20.3	90.3	
Chloroform	40.6	5.00	"	50.0		81.2	69.2-124	20.4	43.5	
Chloromethane	33.3	5.00	"	50.0		66.6	67.4-162	11.4	71.8	
1,1-Dichloroethane	34.8	5.00	"	50.0		69.6	63-127	11.9	41.8	
1,2-Dichloroethane	45.2	5.00	"	50.0		90.4	57.5-125	17.2	68.6	
1,1-Dichloroethene	41.6	5.00	"	50.0		83.2	59.9-129	6.96	47.5	
cis-1,2-Dichloroethene	37.5	5.00	"	50.0		75.0	64.4-137	14.4	39.3	
trans-1,2-Dichloroethene	39.2	5.00	"	50.0		78.4	59-136	12.9	43	
1,2-Dichloropropane	56.8	5.00	"	50.0		114	66.3-132	14.2	38.1	
cis-1,3-Dichloropropene	49.1	5.00	"	50.0		98.2	67.9-124	17.0	41.5	
trans-1,3-Dichloropropene	49.5	5.00	"	50.0		99.0	63.6-124	15.3	57.2	
Ethylbenzene	56.7	5.00	"	50.0		113	60-141	2.27	42.7	
2-Hexanone	35.8	10.0	"	50.0		71.6	10-175	11.1	128	
Methylene chloride	36.4	5.00	"	50.0		72.8	28.4-149	8.67	67.4	
4-Methyl-2-pentanone	35.8	10.0	"	50.0		71.6	10-188	15.5	119	
Styrene	47.5	5.00	"	50.0		95.0	64.6-136	7.30	37.2	
1,1,2,2-Tetrachloroethane	31.6	5.00	"	50.0		63.2	68.4-137	14.9	54.6	
Tetrachloroethene	56.9	5.00	"	50.0		114	57.6-142	7.61	46.3	
Toluene	57.7	5.00	"	50.0		115	64.1-134	3.24	42.6	
1,1,1-Trichloroethane	58.1	5.00	"	50.0		116	60-134	12.4	44.2	

Great Lakes Analytical

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Project Number: 011332
Project Manager: Gerald Kraemer

Reported:
11/20/01 14:28

Volatile Organic Compounds by EPA Method 5035/8260B - Quality Control
Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1110346 - EPA 5035B [P/T]										
LCS Dup (1110346-BSD1)				Prepared: 11/19/01 Analyzed: 11/20/01						
1,1,2-Trichloroethane	45.7	5.00	ug/kg wet	50.0		91.4	76.4-125	15.7	53.2	
Trichloroethene	57.7	5.00	"	50.0		115	61.8-132	11.7	43.5	
Trichlorofluoromethane	101	5.00	"	50.0		202	14.6-241	10.5	115	
Vinyl acetate	35.8	10.0	"	50.0		71.6	10-161	17.3	92.1	
Vinyl chloride	41.0	5.00	"	50.0		82.0	57.9-143	8.65	81	
Total Xylenes	143	5.00	"	150		95.3	60-141	6.10	40.1	
Surrogate: Dibromofluoromethane	*38.6*		"	*50.0*		*77.2*	*81.2-134*			
Surrogate: 1,2-Dichloroethane-d4	*40.7*		"	*50.0*		*81.4*	*50.8-145*			
Surrogate: Toluene-d8	*51.9*		"	*50.0*		*104*	*82-121*			
Surrogate: 4-Bromofluorobenzene	*48.4*		"	*50.0*		*96.8*	*76.8-113*			

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Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1110232 - EPA 3550B										
Blank (1110232-BLK1)				Prepared: 11/13/01 Analyzed: 11/14/01						
Acenaphthene	ND	100	ug/kg wet							
Acenaphthylene	ND	100	"							
Aniline	ND	100	"							
Anthracene	ND	100	"							
Benzoic acid	ND	500	"							
Benz (a) anthracene	ND	100	"							
Benzo (a) pyrene	ND	58.0	"							
Benzo (b) fluoranthene	ND	100	"							
Benzo (ghi) perylene	ND	100	"							
Benzo (k) fluoranthene	ND	100	"							
Benzyl alcohol	ND	100	"							
Bis(2-chloroethoxy)methane	ND	100	"							
Bis(2-chloroethyl)ether	ND	100	"							
Bis(2-chloroisopropyl)ether	ND	100	"							
Bis(2-ethylhexyl)phthalate	ND	330	"							
4-Bromophenyl phenyl ether	ND	100	"							
Butyl benzyl phthalate	ND	100	"							
4-Chloroaniline	ND	100	"							
4-Chloro-3-methylphenol	ND	100	"							
2-Chloronaphthalene	ND	100	"							
2-Chlorophenol	ND	100	"							
4-Chlorophenyl phenyl ether	ND	100	"							
Chrysene	ND	100	"							
Dibenz (a,h) anthracene	ND	58.0	"							
Dibenzofuran	ND	100	"							
1,2-Dichlorobenzene	ND	100	"							
1,3-Dichlorobenzene	ND	100	"							
1,4-Dichlorobenzene	ND	100	"							
3,3'-Dichlorobenzidine	ND	500	"							
2,4-Dichlorophenol	ND	100	"							
Diethyl phthalate	ND	100	"							
2,4-Dimethylphenol	ND	100	"							
Dimethyl phthalate	ND	100	"							
Di-n-butyl phthalate	ND	330	"							
4,6-Dinitro-2-methylphenol	ND	500	"							
2,4-Dinitrophenol	ND	500	"							
2,4-Dinitrotoluene	ND	100	"							
2,6-Dinitrotoluene	ND	100	"							

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Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1110232 - EPA 3550B										
Blank (1110232-BLK1)				Prepared: 11/13/01 Analyzed: 11/14/01						
Di-n-octyl phthalate	ND	100	ug/kg wet							
Fluoranthene	ND	100	"							
Fluorene	ND	100	"							
Hexachlorobenzene	ND	100	"							
Hexachlorobutadiene	ND	100	"							
Hexachlorocyclopentadiene	ND	100	"							
Hexachloroethane	ND	100	"							
Indeno (1,2,3-cd) pyrene	ND	100	"							
Isophorone	ND	100	"							
2-Methylnaphthalene	ND	100	"							
o-Cresol	ND	100	"							
m,p-Cresols	ND	100	"							
Naphthalene	ND	100	"							
2-Nitroaniline	ND	500	"							
3-Nitroaniline	ND	500	"							
4-Nitroaniline	ND	500	"							
Nitrobenzene	ND	100	"							
2-Nitrophenol	ND	100	"							
4-Nitrophenol	ND	500	"							
N-Nitrosodi-n-propylamine	ND	100	"							
N-Nitrosodiphenylamine	ND	100	"							
Pentachlorophenol	ND	500	"							
Phenanthrene	ND	100	"							
Phenol	ND	100	"							
Pyrene	ND	100	"							
1,2,4-Trichlorobenzene	ND	100	"							
2,4,5-Trichlorophenol	ND	500	"							
2,4,6-Trichlorophenol	ND	100	"							
Surrogate: 2-Fluorophenol	*1510*		"	*3370*		*44.8*	*10-109*			
Surrogate: Phenol-d6	*1790*		"	*3370*		*53.1*	*10-115*			
Surrogate: Nitrobenzene-d5	*1170*		"	*1690*		*69.2*	*10-114*			
Surrogate: 2-Fluorobiphenyl	*1050*		"	*1690*		*62.1*	*10-106*			
Surrogate: 2,4,6-Tribromophenol	*2030*		"	*3370*		*60.2*	*19.3-88.7*			
Surrogate: p-Terphenyl-d14	*1670*		"	*1690*		*98.8*	*10-126*			

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Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1110232 - EPA 3550B										
LCS (1110232-BS1)				Prepared: 11/13/01 Analyzed: 11/14/01						
Acenaphthene	1200	100	ug/kg wet	1710		70.2	29.4-110			
Acenaphthylene	1250	100	"	1710		73.1	31-110			
Aniline	227	100	"	1710		13.3	5-110			
Anthracene	1200	100	"	1710		70.2	32.9-110			
Benzoic acid	ND	500	"	1710		6.20	5-110			
Benz (a) anthracene	1240	100	"	1710		72.5	35.9-110			
Benzo (a) pyrene	1270	58.0	"	1710		74.3	40.3-110			
Benzo (b) fluoranthene	1450	100	"	1710		84.8	41.9-110			
Benzo (ghi) perylene	1350	100	"	1710		78.9	15-110			
Benzo (k) fluoranthene	1460	100	"	1710		85.4	39.6-110			
Benzyl alcohol	1120	100	"	1710		65.5	29.1-110			
Bis(2-chloroethoxy)methane	1390	100	"	1710		81.3	27.8-110			
Bis(2-chloroethyl)ether	1170	100	"	1710		68.4	10.8-110			
Bis(2-chloroisopropyl)ether	1230	100	"	1710		71.9	16.5-110			
Bis(2-ethylhexyl)phthalate	1860	330	"	1710		109	5-131			
4-Bromophenyl phenyl ether	1330	100	"	1710		77.8	32.6-110			
Butyl benzyl phthalate	2300	100	"	1710		135	5-159			
4-Chloroaniline	636	100	"	1710		37.2	5-110			
4-Chloro-3-methylphenol	1500	100	"	1710		87.7	33.5-110			
2-Chloronaphthalene	1220	100	"	1710		71.3	17-110			
2-Chlorophenol	1160	100	"	1710		67.8	30.6-110			
4-Chlorophenyl phenyl ether	1430	100	"	1710		83.6	15.2-110			
Chrysene	892	100	"	1710		52.2	36.1-110			
Dibenz (a,h) anthracene	1130	58.0	"	1710		66.1	30.5-110			
Dibenzofuran	1490	100	"	1710		87.1	15.3-110			
1,2-Dichlorobenzene	1110	100	"	1710		64.9	15.6-110			
1,3-Dichlorobenzene	1210	100	"	1710		70.8	16.2-110			
1,4-Dichlorobenzene	1200	100	"	1710		70.2	16.3-110			
3,3'-Dichlorobenzidine	ND	500	"	1710		23.6	5-110			
2,4-Dichlorophenol	1370	100	"	1710		80.1	16.9-110			
Diethyl phthalate	1300	100	"	1710		76.0	15.8-110			
2,4-Dimethylphenol	1290	100	"	1710		75.4	16.1-110			
Dimethyl phthalate	1320	100	"	1710		77.2	15.3-110			
Di-n-butyl phthalate	1300	330	"	1710		76.0	32-110			
4,6-Dinitro-2-methylphenol	808	500	"	1710		47.3	6.14-110			
2,4-Dinitrophenol	ND	500	"	1710		28.1	5-110			
2,4-Dinitrotoluene	1340	100	"	1710		78.4	32.1-110			
2,6-Dinitrotoluene	1380	100	"	1710		80.7	34.2-110			

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Reported:
11/20/01 14:28

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1110232 - EPA 3550B										
LCS (1110232-BS1)				Prepared: 11/13/01 Analyzed: 11/14/01						
Di-n-octyl phthalate	1050	100	ug/kg wet	1710		61.4	5-124			
Fluoranthene	1190	100	"	1710		69.6	15-110			
Fluorene	1360	100	"	1710		79.5	30.1-110			
Hexachlorobenzene	1290	100	"	1710		75.4	31.8-110			
Hexachlorobutadiene	1390	100	"	1710		81.3	11.1-110			
Hexachlorocyclopentadiene	1010	100	"	1710		59.1	7.46-110			
Hexachloroethane	1350	100	"	1710		78.9	10.6-110			
Indeno (1,2,3-cd) pyrene	1310	100	"	1710		76.6	11.3-118			
Isophorone	1370	100	"	1710		80.1	28-110			
2-Methylnaphthalene	1350	100	"	1710		78.9	31.8-110			
o-Cresol	1340	100	"	1710		78.4	20.3-110			
m,p-Cresols	1300	100	"	1710		76.0	5-110			
Naphthalene	1180	100	"	1710		69.0	27-110			
2-Nitroaniline	1450	500	"	1710		84.8	12-110			
3-Nitroaniline	1140	500	"	1710		66.7	5-110			
4-Nitroaniline	1300	500	"	1710		76.0	5-110			
Nitrobenzene	1380	100	"	1710		80.7	27.3-110			
2-Nitrophenol	1370	100	"	1710		80.1	29.7-110			
4-Nitrophenol	1180	500	"	1710		69.0	10.4-110			
N-Nitrosodi-n-propylamine	1500	100	"	1710		87.7	32.4-110			
N-Nitrosodiphenylamine	1250	100	"	1710		73.1	31.2-110			
Pentachlorophenol	861	500	"	1710		50.4	5-110			
Phenanthrene	1290	100	"	1710		75.4	35.4-110			
Phenol	1150	100	"	1710		67.3	15.8-110			
Pyrene	2330	100	"	1710		136	5-166			
1,2,4-Trichlorobenzene	1290	100	"	1710		75.4	14.3-110			
2,4,5-Trichlorophenol	1300	500	"	1710		76.0	14.3-110			
2,4,6-Trichlorophenol	1470	100	"	1710		86.0	30.9-110			
Surrogate: 2-Fluorophenol	*1700*		"	*3410*		*49.9*	*10-109*			
Surrogate: Phenol-d6	*2140*		"	*3410*		*62.8*	*10-115*			
Surrogate: Nitrobenzene-d5	*1330*		"	*1710*		*77.8*	*10-114*			
Surrogate: 2-Fluorobiphenyl	*1140*		"	*1710*		*66.7*	*10-106*			
Surrogate: 2,4,6-Tribromophenol	*2250*		"	*3410*		*66.0*	*19.3-88.7*			
Surrogate: p-Terphenyl-d14	*2220*		"	*1710*		*130*	*10-126*			

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Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1110232 - EPA 3550B										
Matrix Spike (1110232-MS1)	**Source: B111108-08**			Prepared: 11/13/01 Analyzed: 11/14/01						
Acenaphthene	1400	124	ug/kg dry	2120	ND	66.0	5-140			
Acenaphthylene	1560	124	"	2120	ND	73.6	5-131			
Aniline	1080	124	"	2120	ND	50.9	5-110			
Anthracene	1340	124	"	2120	ND	63.2	5-146			
Benzoic acid	ND	620	"	2120	ND	25.1	5-149			
Benz (a) anthracene	1300	124	"	2120	ND	61.3	5-149			
Benzo (a) pyrene	1440	71.9	"	2120	ND	67.9	5-134			
Benzo (b) fluoranthene	1200	124	"	2120	ND	56.6	5-127			
Benzo (ghi) perylene	3440	124	"	2120	ND	162	5-223			
Benzo (k) fluoranthene	1060	124	"	2120	ND	50.0	5-120			
Benzyl alcohol	1390	124	"	2120	ND	65.6	8.91-110			
Bis(2-chloroethoxy)methane	1720	124	"	2120	ND	81.1	23.1-110			
Bis(2-chloroethyl)ether	1320	124	"	2120	ND	62.3	16.6-110			
Bis(2-chloroisopropyl)ether	1470	124	"	2120	ND	69.3	14.5-110			
Bis(2-ethylhexyl)phthalate	3020	409	"	2120	3970	NR	5-153			
4-Bromophenyl phenyl ether	2550	124	"	2120	ND	120	5-152			
Butyl benzyl phthalate	1540	124	"	2120	ND	72.6	5-216			
4-Chloroaniline	1050	124	"	2120	ND	49.5	5-110			
4-Chloro-3-methylphenol	1890	124	"	2120	ND	89.2	17.8-110			
2-Chloronaphthalene	1650	124	"	2120	ND	77.8	5-117			
2-Chlorophenol	1390	124	"	2120	ND	65.6	5.03-128			
4-Chlorophenyl phenyl ether	1480	124	"	2120	ND	69.8	5-110			
Chrysene	1000	124	"	2120	ND	47.2	5-155			
Dibenz (a,h) anthracene	2700	71.9	"	2120	ND	127	5-164			
Dibenzofuran	1650	124	"	2120	ND	77.8	5-133			
1,2-Dichlorobenzene	1300	124	"	2120	ND	61.3	5-117			
1,3-Dichlorobenzene	1460	124	"	2120	ND	68.9	5-110			
1,4-Dichlorobenzene	1360	124	"	2120	ND	64.2	5-110			
3,3'-Dichlorobenzidine	915	620	"	2120	ND	43.2	5-110			
2,4-Dichlorophenol	1840	124	"	2120	ND	86.8	21.5-110			
Diethyl phthalate	1520	124	"	2120	ND	71.7	5-112			
2,4-Dimethylphenol	1740	124	"	2120	ND	82.1	5-122			
Dimethyl phthalate	1710	124	"	2120	ND	80.7	14.4-114			
Di-n-butyl phthalate	1090	409	"	2120	ND	51.4	5-117			
4,6-Dinitro-2-methylphenol	2360	620	"	2120	ND	111	5-126			
2,4-Dinitrophenol	913	620	"	2120	ND	43.1	5-140			
2,4-Dinitrotoluene	1600	124	"	2120	ND	75.5	16.2-110			
2,6-Dinitrotoluene	1850	124	"	2120	ND	87.3	5-135			

Great Lakes Analytical

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Andy Johnson, Project Manager

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Chicago IL, 60610

Project: Former Ames Supply
Project Number: 011332
Project Manager: Gerald Kraemer

Reported:
11/20/01 14:28

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Not
Batch 1110232 - EPA 3550B										
Matrix Spike (1110232-MS1)	**Source: B111108-08**			Prepared: 11/13/01 Analyzed: 11/14/01						
Di-n-octyl phthalate	1110	124	ug/kg dry	2120	ND	52.4	5-170			
Fluoranthene	490	124	"	2120	ND	23.1	5-110			
Fluorene	1390	124	"	2120	ND	65.6	5-130			
Hexachlorobenzene	1960	124	"	2120	ND	92.5	5-117			
Hexachlorobutadiene	1670	124	"	2120	ND	78.8	5-110			
Hexachlorocyclopentadiene	1500	124	"	2120	ND	70.8	5-110			
Hexachloroethane	1670	124	"	2120	ND	78.8	5-110			
Indeno (1,2,3-cd) pyrene	3040	124	"	2120	ND	143	5-169			
Isophorone	1720	124	"	2120	ND	81.1	23.1-110			
2-Methylnaphthalene	1640	124	"	2120	ND	74.2	5-137			
o-Cresol	1690	124	"	2120	ND	79.7	5-128			
m,p-Cresols	1630	124	"	2120	ND	76.9	5-131			
Naphthalene	1410	124	"	2120	ND	66.5	5-126			
2-Nitroaniline	1900	620	"	2120	ND	89.6	18.1-110			
3-Nitroaniline	1330	620	"	2120	ND	62.7	5-110			
4-Nitroaniline	1230	620	"	2120	ND	58.0	15.8-110			
Nitrobenzene	1670	124	"	2120	ND	78.8	14.4-110			
2-Nitrophenol	1790	124	"	2120	ND	84.4	5-120			
4-Nitrophenol	1620	620	"	2120	ND	76.4	5-124			
N-Nitrosodi-n-propylamine	1920	124	"	2120	ND	90.6	23.2-110			
N-Nitrosodiphenylamine	2790	124	"	2120	ND	132	5-127			
Pentachlorophenol	1800	620	"	2120	ND	84.9	5-114			
Phenanthrene	1450	124	"	2120	ND	68.4	5-137			
Phenol	1440	124	"	2120	ND	67.9	23.7-110			
Pyrene	2540	124	"	2120	143	113	5-402			
1,2,4-Trichlorobenzene	1610	124	"	2120	ND	75.9	5-110			
2,4,5-Trichlorophenol	1720	620	"	2120	ND	81.1	11.6-113			
2,4,6-Trichlorophenol	2420	124	"	2120	ND	114	18.8-110			
Surrogate: 2-Fluorophenol	*2080*		"	*4220*		*49.3*	*10-109*			
Surrogate: Phenol-d6	*2640*		"	*4220*		*62.6*	*10-115*			
Surrogate: Nitrobenzene-d5	*1580*		"	*2120*		*74.5*	*10-114*			
Surrogate: 2-Fluorobiphenyl	*1510*		"	*2120*		*71.2*	*10-106*			
Surrogate: 2,4,6-Tribromophenol	*5070*		"	*4220*		*120*	*19.3-88.7*			
Surrogate: p-Terphenyl-d14	*1720*		"	*2120*		*81.1*	*10-126*			

Great Lakes Analytical

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Andy Johnson, Project Manager

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Chicago IL, 60610

Project: Former Ames Supply
Project Number: 011332
Project Manager: Gerald Kraemer

Reported:
11/20/01 14:28

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1110232 - EPA 3550B										
Matrix Spike Dup (1110232-MSD1)	**Source: B111108-08**			Prepared: 11/13/01 Analyzed: 11/14/01						
Acenaphthene	1380	124	ug/kg dry	2040	ND	67.6	5-140	1.44	81.8	
Acenaphthylene	1530	124	"	2040	ND	75.0	5-131	1.94	73	
Aniline	1020	124	"	2040	ND	50.0	5-110	5.71	116	
Anthracene	1320	124	"	2040	ND	64.7	5-146	1.50	98.1	
Benzoic acid	ND	620	"	2040	ND	23.2	5-'49	11.7	78.8	
Benz (a) anthracene	1250	124	"	2040	ND	61.3	5-149	3.92	124	
Benzo (a) pyrene	1210	71.9	"	2040	ND	59.3	5-134	17.4	124	
Benzo (b) fluoranthene	1130	124	"	2040	ND	55.4	5-127	6.01	121	
Benzo (ghi) perylene	3180	124	"	2040	ND	156	5-223	7.85	121	
Benzo (k) fluoranthene	954	124	"	2040	ND	46.8	5-120	10.5	107	
Benzyl alcohol	1360	124	"	2040	ND	66.7	8.91-110	2.18	103	
Bis(2-chloroethoxy)methane	1620	124	"	2040	ND	79.4	23.1-110	5.99	86	
Bis(2-chloroethyl)ether	1330	124	"	2040	ND	65.2	16.6-110	0.755	83.4	
Bis(2-chloroisopropyl)ether	1400	124	"	2040	ND	68.6	14.5-110	4.88	80.8	
Bis(2-ethylhexyl)phthalate	3690	409	"	2040	3970	NR	5-153	20.0	115	
4-Bromophenyl phenyl ether	2520	124	"	2040	ND	124	5-152	1.18	70.7	
Butyl benzyl phthalate	1660	124	"	2040	ND	81.4	5-216	7.50	92.3	
4-Chloroaniline	999	124	"	2040	ND	49.0	5-110	4.98	196	
4-Chloro-3-methylphenol	1790	124	"	2040	ND	87.7	17.8-110	5.43	100	
2-Chloronaphthalene	1670	124	"	2040	ND	81.9	5-117	1.20	77.7	
2-Chlorophenol	1330	124	"	2040	ND	65.2	5.03-128	4.41	77.4	
4-Chlorophenyl phenyl ether	1490	124	"	2040	ND	73.0	5-110	0.673	73	
Chrysene	996	124	"	2040	ND	48.8	5-155	0.401	122	
Dibenz (a,h) anthracene	2490	71.9	"	2040	ND	122	5-164	8.09	105	
Dibenzofuran	1670	124	"	2040	ND	81.9	5-133	1.20	76.2	
1,2-Dichlorobenzene	1270	124	"	2040	ND	62.3	5-117	2.33	84.9	
1,3-Dichlorobenzene	1410	124	"	2040	ND	69.1	5-110	3.48	84	
1,4-Dichlorobenzene	1390	124	"	2040	ND	68.1	5-110	2.18	86.6	
3,3'-Dichlorobenzidine	881	620	"	2040	ND	43.2	5-110	3.79	146	
2,4-Dichlorophenol	1770	124	"	2040	ND	86.8	21.5-110	3.88	81	
Diethyl phthalate	1480	124	"	2040	ND	72.5	5-112	2.67	75.8	
2,4-Dimethylphenol	1660	124	"	2040	ND	81.4	5-122	4.71	145	
Dimethyl phthalate	1700	124	"	2040	ND	83.3	14.4-114	0.587	77.1	
Di-n-butyl phthalate	1080	409	"	2040	ND	52.9	5-117	0.922	107	
4,6-Dinitro-2-methylphenol	1570	620	"	2040	ND	77.0	5-126	40.2	97.4	
2,4-Dinitrophenol	ND	620	"	2040	ND	29.8	5-140	40.3	25.6	
2,4-Dinitrotoluene	1580	124	"	2040	ND	77.5	16.2-110	1.26	85.7	
2,6-Dinitrotoluene	1800	124	"	2040	ND	88.2	5-135	2.74	89.6	

Great Lakes Analytical

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Andy Johnson, Project Manager

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Project: Former Ames Supply
Project Number: 011332
Project Manager: Gerald Kraemer

Reported:
11/20/01 14:28

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1110232 - EPA 3550B										
Matrix Spike Dup (1110232-MSD1)	**Source: B111108-08**			Prepared: 11/13/01 Analyzed: 11/14/01						
Di-n-octyl phthalate	1130	124	ug/kg dry	2040	ND	55.4	5-170	1.79	76.1	
Fluoranthene	457	124	"	2040	ND	22.4	5-110	6.97	142	
Fluorene	1380	124	"	2040	ND	67.6	5-130	0.722	79.5	
Hexachlorobenzene	1910	124	"	2040	ND	93.6	5-117	2.58	79.5	
Hexachlorobutadiene	1610	124	"	2040	ND	78.9	5-110	3.66	82	
Hexachlorocyclopentadiene	1270	124	"	2040	ND	62.3	5-110	16.6	71.2	
Hexachloroethane	1610	124	"	2040	ND	78.9	5-110	3.66	90.3	
Indeno (1,2,3-cd) pyrene	2820	124	"	2040	ND	138	5-169	7.51	107	
Isophorone	1640	124	"	2040	ND	80.4	23.1-110	4.76	84.6	
2-Methylnaphthalene	1540	124	"	2040	ND	72.2	5-137	6.29	71.7	
o-Cresol	1630	124	"	2040	ND	79.9	5-128	3.61	86.1	
m,p-Cresols	1570	124	"	2040	ND	77.0	5-131	3.75	92.8	
Naphthalene	1370	124	"	2040	ND	67.2	5-126	2.88	75.6	
2-Nitroaniline	1840	620	"	2040	ND	90.2	18.1-110	3.21	89.3	
3-Nitroaniline	1300	620	"	2040	ND	63.7	5-110	2.28	111	
4-Nitroaniline	1180	620	"	2040	ND	57.8	15.8-110	4.15	99.9	
Nitrobenzene	1570	124	"	2040	ND	77.0	14.4-110	6.17	84.2	
2-Nitrophenol	1660	124	"	2040	ND	81.4	5-120	7.54	85.1	
4-Nitrophenol	1470	620	"	2040	ND	72.1	5-124	9.71	55.2	
N-Nitrosodi-n-propylamine	1850	124	"	2040	ND	90.7	23.2-110	3.71	93.5	
N-Nitrosodiphenylamine	2900	124	"	2040	ND	142	5-127	3.87	74.3	
Pentachlorophenol	1560	620	"	2040	ND	76.5	5-114	14.3	70.7	
Phenanthrene	1470	124	"	2040	ND	72.1	5-137	1.37	141	
Phenol	1380	124	"	2040	ND	67.6	23.7-110	4.26	88	
Pyrene	2440	124	"	2040	143	113	5-402	4.02	157	
1,2,4-Trichlorobenzene	1530	124	"	2040	ND	75.0	5-110	5.10	76.7	
2,4,5-Trichlorophenol	1600	620	"	2040	ND	78.4	11.6-113	7.23	79.3	
2,4,6-Trichlorophenol	2500	124	"	2040	ND	123	18.8-110	3.25	88.2	
Surrogate: 2-Fluorophenol	*2010*		"	*4070*		*49.4*	*10-109*			
Surrogate: Phenol-d6	*2510*		"	*4070*		*61.7*	*10-115*			
Surrogate: Nitrobenzene-d5	*1470*		"	*2040*		*72.1*	*10-114*			
Surrogate: 2-Fluorobiphenyl	*1510*		"	*2040*		*74.0*	*10-106*			
Surrogate: 2,4,6-Tribromophenol	*4910*		"	*4070*		*121*	*19.3-88.7*			
Surrogate: p-Terphenyl-d14	*1750*		"	*2040*		*85.8*	*10-126*			

Great Lakes Analytical

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Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL

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EGSL	Project: Former Ames Supply	
351 W. Hubbard, Suite 401	Project Number: 011332	**Reported:**
Chicago IL, 60610	Project Manager: Gerald Kraemer	11/20/01 14:28

Notes and Definitions

G1	The recovery of one or more analytes in the matrix QC (MS/MSD) associated with this sample is above the laboratory's established acceptance criteria. Refer to the included QC reports for more detail.
G15	The relative percent difference (RPD) of one or more analytes in the matrix QC (MS/MSD) associated with this sample is above the laboratory's established acceptance limits. Refer to the included QC reports for more detail.
G2	The recovery of one or more analytes in the matrix QC (MS/MSD) associated with this sample is below the laboratory's established acceptance criteria. Refer to the included QC reports for more detail.
G3	The recovery of one or more analytes in the laboratory control QC (BS/BSD) associated with this sample is above the laboratory's established acceptance criteria. Refer to the included QC reports for more detail.
G4	The recovery of one or more analytes in the laboratory control QC (BS/BSD) associated with this sample is below the laboratory's established acceptance criteria. Refer to the included QC reports for more detail.
O3	One or more internal standard recoveries were above the method specified acceptance criteria.
O4	The recovery for this analyte is below the laboratory's established acceptance criteria.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Great Lakes Analytical

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Andy Johnson, Project Manager

GRI LAKES ANALYTICAL

CHAIN OF CUSTODY REPORT

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Client: EGSL
Address: 351 W. Hubbard #401
Chicago IL 60610
Report to: Gerald Kraemer
Phone #: 312 755-9550
Fax #: 312 755-9560

Bill To: SAME
Address:
State & Program:
Phone #: ( )
Fax #: ( )

TAT: (STD) 4 DAY 3 DAY 2 DAY 1 DAY < 24 HRS.
☐ YES - TAT is critical
☐ NO - TAT is not critical
DATE RESULTS NEEDED:
TEMPERATURE UPON RECEIPT: On ice
Deliverable Package Needed: ☐ STD ☐ Other
Air Bill No.

Project: Former Hines Supply #011332
Sampler: G. Kraemer
PO/Quote #: 011332

FIELD ID, LOCATION	DATE COLLECTED	TIME COLLECTED	SAMPLE MATRIX	# of Bottles Preservative Used: MeOH	NaHSO4	HCl	HNO3	H2SO4	NaOH	NONE	TOTAL # OF BOTTLES	VOCs	SVOCs	DRO/GRO	SAMPLE CONTROL: CRACKED/BROKEN	IMPROPERLY SEALED	LABORATORY ID NUMBER
1 C-1 PID:	11/9/01	0900	Soil	1 X	2 X					1 X	4	X	X				B111506-01
2 MW-3 (5') PID:	11/9/01	0900	Soil	1 X	2 X					1 X	4	X	X	↓			02
3 Trip Blank PID:	11/9/01	0900	Water							1 X	1	X					03
4 PID:																	
5 PID:																	
6 PID:																	
7 PID:																	
8 PID:																	
9 PID:																	
10 PID:																	

RELINQUISHED	RECEIVED	RELINQUISHED	RECEIVED
G. Kraemer 11-9-01	1129	1420	11-9-01 1511
RELINQUISHED	RECEIVED	RELINQUISHED	RECEIVED

COMMENTS:

PAGE OF

Table 4 - Summary of EGSL Analytical Results for VOCs in Groundwater Compared to TACO Tier 1 Remediation Objectives, Former Ames Supply, Downers Grove, IL.

VOCs	Groundwater Ingestion Exposure Route Values		Monitoring Well Sample							
Method 5035/8260	Class I	Class II	MW1	MW2	MW-200[1]	MW3	MW-6	Trip Blank	MW-4	PW-10[2]
Chemical Compound	(mg/L)	(mg/L)	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
cis-1,3-Dichloropropene	0.001	0.005	ND	ND	ND	ND	ND	ND	ND	ND
trans 1,3-Dichloropropene	0.001	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	0.7	1.0	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	---	---	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	0.005	0.05	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	---	---	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	0.1	0.5	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	---	---	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.005	0.025	ND	ND	ND	***0.1260***	ND	ND	ND	***0.1400***
Toluene	1.0	2.5	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.2	1.0	ND	ND	ND	***0.0144***	ND	ND	ND	***0.0133***
1,1,2-Trichloroethane	0.005	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	0.005	0.025	ND	ND	ND	***0.0078***	ND	ND	ND	***0.0085***
Trichlorofluoromethane	---	---	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	7.0	7.0	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.002	0.01	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, total	10.0	10.0	ND	ND	ND	ND	ND	ND	ND	ND

	Indicates that value exceeds Class II Remediation Objective.
	Indicates that value exceeds Class I Remediation Objective.
---	Indicates that there is no current value available.
1	*Duplicate sample of* MW-2.
2	Verification sample of MW-3.
ND	Not detected above the laboratory detection limit.
mg/L	milligrams/Liter, equivalent to parts per million.

Table 4 - Summary of EGSL Analytical Results for VOCs in Groundwater Compared to TACO Tier 1 Remediation Objectives, Former Ames Supply, Downers Grove, IL.

VOCs	Groundwater Ingestion Exposure Route Values		Monitoring Well Sample							
Method 5035/8260	Class I	Class II	MW1	MW2	MW-200[1]	MW3	MW-6	Trip Blank	MW-4	PW-10[2]
Chemical Compound	(mg/L)	(mg/L)	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
cis-1,3-Dichloropropene	0.001	0.005	ND	ND	ND	ND	ND	ND	ND	ND
trans 1,3-Dichloropropene	0.001	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	0.7	1.0	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	---	---	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	0.005	0.05	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	---	---	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	0.1	0.5	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	---	---	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	0.005	0.025	ND	ND	ND	***0.1260***	ND	ND	ND	***0.1400***
Toluene	1.0	2.5	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.2	1.0	ND	ND	ND	***0.0144***	ND	ND	ND	***0.0133***
1,1,2-Trichloroethane	0.005	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	0.005	0.025	ND	ND	ND	***0.0078***	ND	ND	ND	***0.0085***
Trichlorofluoromethane	---	---	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	7.0	7.0	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.002	0.01	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, total	10.0	10.0	ND	ND	ND	ND	ND	ND	ND	ND

	Indicates that value exceeds Class II Remediation Objective.
	Indicates that value exceeds Class I Remediation Objective.
---	Indicates that there is no current value available.
1	Duplicate sample of MW-2.
2	Verification sample of MW-3.
ND	Not detected above the laboratory detection limit.
mg/L	milligrams/Liter, equivalent to parts per million.

Table 4 - Summary of EGSL Analytical Results for VOCs in Groundwater Compared to TACO Tier 1 Remediation Objectives, Former Ames Supply, Downers Grove, IL.

	Groundwater Ingestion Exposure Route Values		Monitoring Well Sample							
Method 5035/8260 Chemical Compound	Class I (mg/L)	Class II (mg/L)	MW1 mg/L	MW2 mg/L	MW-200[1] mg/L	MW3 mg/L	MW-6 mg/L	Trip Blank mg/L	MW-4 mg/L	PW-10[2] mg/L
Acetone	0.7	0.7	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.005	0.025	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.002	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	0.001	0.001	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	---	---	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	---	---	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	0.7	3.5	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.005	0.025	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	0.1	0.5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	0.14	0.14	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	---	---	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	0.002	0.001	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	---	---	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.7	3.5	ND	ND	ND	***0.0024***	ND	ND	ND	***0.0028***
1,2-Dichloroethane	0.005	0.025	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.007	0.035	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.07	0.2	ND	ND	ND	***0.0162***	ND	ND	ND	***0.0166***
trans-1,2-Dichloroethene	0.1	0.5	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.005	0.025	ND	ND	ND	ND	ND	ND	ND	ND

	Indicates that value exceeds Class II Remediation Objective.
	Indicates that value exceeds Class I Remediation Objective.
---	Indicates that there is no current value available.
1	Duplicate sample of MW-2.
2	Verification sample of MW-3.
ND	Not detected above the laboratory detection limit.
mg/L	milligrams/Liter, equivalent to parts per million.

Table 5 - Summary of EGSL Analytical Results for SVOCs in Groundwater Compared to TACO Tier 1 Remediation Objectives, Former Ames Supply, Downers Grove, IL

SVOCs	Groundwater Ingestion Exposure Route Values		Monitoring Well					
Method 8270C	Class I	Class II	MW1	MW2	MW-200[1]	MW3	MW-6	
Chemical Compound	(mg/L)	(mg/L)	mg/L	mg/L	mg/L	mg/L	mg/L	
Acenaphthene	0.42	2.1	ND	ND	ND	ND	ND	
Acenaphthylene	---	---	ND	ND	ND	ND	ND	
Aniline	---	---	ND	ND	ND	ND	ND	
Anthracene	2.1	10.5	ND	ND	ND	ND	ND	
Benzoic Acid	28	28	ND	ND	ND	ND	ND	
Benzo(a)anthracene	0.00013	0.00065	ND	ND	ND	ND	ND	
Benzo(a)pyrene	0.0002	0.002	ND	ND	ND	ND	ND	
Benzo(b)fluoranthene	0.00018	0.0009	ND	ND	ND	ND	ND	
Benzo(ghi)perylene	---	---	ND	ND	ND	ND	ND	
Benzo(k)fluoranthene	0.00017	0.00085	ND	ND	ND	ND	ND	
Benzyl Alcohol	---	---	ND	ND	ND	ND	ND	
Bis(2-chloroethyloxy)methane	---	---	ND	ND	ND	ND	ND	
Bis(2-chloroethyl)ether	0.01	0.01	ND	ND	ND	ND	ND	
Bis(2-chloroisopropyl)ether	---	---	ND	ND	ND	ND	ND	
Bis(2-ethylhexyl)phthalate	0.006	0.06	ND	ND	ND	ND	ND	
4-Bromophenyl phenyl ether	---	---	ND	ND	ND	ND	ND	
Butyl benzyl phthalate	1.4	7.0	ND	ND	ND	ND	ND	
4-Chloroaniline	0.028	0.028	ND	ND	ND	ND	ND	
4-Chloro-3-methylphenol	---	---	ND	ND	ND	ND	ND	
2-Chloronaphthalene	---	---	ND	ND	ND	ND	ND	
2-Chlorophenol	0.35	0.175	ND	ND	ND	ND	ND	
4-Chlorophenyl phenyl ether	---	---	ND	ND	ND	ND	ND	
Chrysene	0.0015	0.0075	ND	ND	ND	ND	ND	
Dibenzo(a,h)anthracene	0.0003	0.0015	ND	ND	ND	ND	ND	

	Indicates that value exceeds the Class II Remediation Objective.
---	Indicates that there is no current value available.
1	Duplicate sample of MW-2.
ND	Not detected above the laboratory detection limit.
mg/L	milligrams/Liter, equivalent to parts per million

Table 5 - Summary of EGSL Analytical Results for SVOCs in Groundwater Compared to TACO Tier 1 Remediation Objectives, Former Ames Supply, Downers Grove, IL

SVOCs	Groundwater Ingestion Exposure Route Values		Monitoring Well					
Method 8270C	Class I	Class II	MW1	MW2	MW-200[1]	MW3	MW-6	
Chemical Compound	(mg/kg)	(mg/kg)	mg/L	mg/L	mg/L	mg/L	mg/L	
Dibenzofuran	---	---	ND	ND	ND	ND	ND	
1,2-Dichlorobenzene	0.6	1.5	ND	ND	ND	ND	ND	
1,3-Dichlorobenzene	---	---	ND	ND	ND	ND	ND	
1,4-Dichlorobenzene	0.075	0.375	ND	ND	ND	ND	ND	
3,3-Dichlorobenzidine	0.007	0.033	ND	ND	ND	ND	ND	
2,4-Dichlorophenol	0.021	0.021	ND	ND	ND	ND	ND	
Diethylphthalate	5.6	5.6	ND	ND	ND	ND	ND	
2,4-Dimethylphenol	0.14	0.14	ND	ND	ND	ND	ND	
Dimethylphthalate	---	---	ND	ND	ND	ND	ND	
Di-n-butylphthalate	0.7	3.5	ND	ND	ND	ND	ND	
4,6-Dinitro-2-methylphenol	---	---	ND	ND	ND	ND	ND	
2,4-Dinitrophenol	0.014	0.14	ND	ND	ND	ND	ND	
2,4-Dinitrotoluene	0.00002	0.00002	ND	ND	ND	ND	ND	
2,6-Dinitrotoluene	0.00031	0.00031	ND	ND	ND	ND	ND	
Di-n-octylphthalate	0.14	0.7	ND	ND	ND	ND	ND	
Fluoranthene	0.28	1.4	ND	ND	ND	ND	ND	
Fluorene	0.28	1.4	ND	ND	ND	ND	ND	
Hexachlorobenzene	0.00006	0.0003	ND	ND	ND	ND	ND	
Hexachlorobutadiene	---	---	ND	ND	ND	ND	ND	
Hexachlorocyclopentadiene	0.05	0.5	ND	ND	ND	ND	ND	
Hexachloroethane	0.007	0.035	ND	ND	ND	ND	ND	
Indeno(1,2,3-cd)pyrene	0.00043	0.00215	ND	ND	ND	ND	ND	
Isophorone	1.4	1.4	ND	ND	ND	ND	ND	

	Indicates that value exceeds the Class II Remediation Objective.
---	Indicates that there is no current value available.
1	Duplicate sample of MW-2.
ND	Not detected above the laboratory detection limit.
mg/L	milligrams/Liter, equivalent to parts per million.

Table 5 - Summary of EGSL Analytical Results for SVOCs in Groundwater Compared to TACO Tier 1 Remediation Objectives, Former Ames Supply, Downers Grove, IL

SVOCs	Groundwater Ingestion Exposure Route Values		Monitoring Well					
Method 8270C	Class I	Class II	MW1	MW2	MW-200[1]	MW3	MW-6	
Chemical Compound	(mg/kg)	(mg/kg)	mg/L	mg/L	mg/L	mg/L	mg/L	
2-Methylnaphthalene	---	---	ND	ND	ND	ND	ND	
o-cresol	0.35	0.35	ND	ND	ND	ND	ND	
m,p-cresols	---	---	ND	ND	ND	ND	ND	
Naphthalene	0.14	0.22	ND	ND	ND	ND	ND	
2-Nitroaniline	---	---	ND	ND	ND	ND	ND	
3-Nitroaniline	---	---	ND	ND	ND	ND	ND	
4-Nitroaniline	---	---	ND	ND	ND	ND	ND	
Nitrobenzene	0.0035	0.0035	ND	ND	ND	ND	ND	
2-Nitrophenol	---	---	ND	ND	ND	ND	ND	
4-Nitrophenol	---	---	ND	ND	ND	ND	ND	
N-Nitrosodi-n-propylamine	0.0018	0.0018	ND	ND	ND	ND	ND	
N-Nitrosodiphenylamine	0.0032	0.016	ND	ND	ND	ND	ND	
Pentachlorophenol	0.001	0.005	ND	ND	ND	ND	ND	
Phenanthrene	---	---	ND	ND	ND	ND	ND	
Phenol	0.1	0.1	ND	ND	ND	ND	ND	
Pyrene	0.21	1.05	ND	ND	ND	ND	ND	
1,2,4-Trichlorobenzene	0.07	0.7	ND	ND	ND	ND	ND	
2,4,5-Trichlorophenol	0.7	3.5	ND	ND	ND	ND	ND	
2,4,6-Trichlorophenol	0.01	0.05	ND	ND	ND	ND	ND	

	Indicates that value exceeds the Class II Remediation Objective.
---	Indicates that there is no current value available.
1	Duplicate sample of MW-2.
ND	Not detected above the laboratory detection limit.
mg/L	milligrams/Liter, equivalent to parts per million.

Table 4 - Summary of EGSL Analytical Results for VOCs in Groundwater Compared to TACO Tier 1 Remediation Objectives, Former Ames Supply, Downers Grove, IL.

	Groundwater Ingestion Exposure Route Values		Monitoring Well Sample							
Method 5035/8260	Class I	Class II	MW1	MW2	MW-200[1]	MW3	MW-6	Trip Blank	MW-4	PW-10[2]
Chemical Compound	(mg/L)	(mg/L)	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Acetone	0.7	0.7	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.005	0.025	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.002	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	0.001	0.001	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	---	---	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	---	---	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	0.7	3.5	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.005	0.025	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	0.1	0.5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	0.14	0.14	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	---	---	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	0.002	0.001	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	---	---	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.7	3.5	ND	ND	ND	*0.0024*	ND	ND	ND	*0.0028*
1,2-Dichloroethane	0.005	0.025	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.007	0.035	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.07	0.2	ND	ND	ND	*0.0162*	ND	ND	ND	*0.0166*
trans-1,2-Dichloroethene	0.1	0.5	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.005	0.025	ND	ND	ND	ND	ND	ND	ND	ND

	Indicates that value exceeds Class II Remediation Objective.
	Indicates that value exceeds Class I Remediation Objective.
---	Indicates that there is no current value available.
1	Duplicate sample of MW-2.
2	Verification sample of MW-3.
ND	Not detected above the laboratory detection limit.
mg/L	milligrams/Liter, equivalent to parts per million.

Table 5 - Summary of EGSL Analytical Results for SVOCs in Groundwater Compared to TACO Tier 1 Remediation Objectives, Former Ames Supply, Downers Grove, IL

SVOCs	Groundwater Ingestion Exposure Route Values		Monitoring Well					
Method 8270C	Class I	Class II	MW1	MW2	MW-200[1]	MW3	MW-6	
Chemical Compound	(mg/L)	(mg/L)	mg/L	mg/L	mg/L	mg/L	mg/L	
Acenaphthene	0.42	2.1	ND	ND	ND	ND	ND	
Acenaphthylene	---	---	ND	ND	ND	ND	ND	
Aniline	---	---	ND	ND	ND	ND	ND	
Anthracene	2.1	10.5	ND	ND	ND	ND	ND	
Benzoic Acid	28	28	ND	ND	ND	ND	ND	
Benzo(a)anthracene	0.00013	0.00065	ND	ND	ND	ND	ND	
Benzo(a)pyrene	0.0002	0.002	ND	ND	ND	ND	ND	
Benzo(b)fluoranthene	0.00018	0.0009	ND	ND	ND	ND	ND	
Benzo(ghi)perylene	---	---	ND	ND	ND	ND	ND	
Benzo(k)fluoranthene	0.00017	0.00085	ND	ND	ND	ND	ND	
Benzyl Alcohol	---	---	ND	ND	ND	ND	ND	
Bis(2-chloroethyloxy)methane	---	---	ND	ND	ND	ND	ND	
Bis(2-chloroethyl)ether	0.01	0.01	ND	ND	ND	ND	ND	
Bis(2-chloroisopropyl)ether	---	---	ND	ND	ND	ND	ND	
Bis(2-ethylhexyl)phthalate	0.006	0.06	ND	ND	ND	ND	ND	
4-Bromophenyl phenyl ether	---	---	ND	ND	ND	ND	ND	
Butyl benzyl phthalate	1.4	7.0	ND	ND	ND	ND	ND	
4-Chloroaniline	0.028	0.028	ND	ND	ND	ND	ND	
4-Chloro-3-methylphenol	---	---	ND	ND	ND	ND	ND	
2-Chloronaphthalene	---	---	ND	ND	ND	ND	ND	
2-Chlorophenol	0.35	0.175	ND	ND	ND	ND	ND	
4-Chlorophenyl phenyl ether	---	---	ND	ND	ND	ND	ND	
Chrysene	0.0015	0.0075	ND	ND	ND	ND	ND	
Dibenzo(a,h)anthracene	0.0003	0.0015	ND	ND	ND	ND	ND	

	Indicates that value exceeds the Class II Remediation Objective.
---	Indicates that there is no current value available.
1	Duplicate sample of MW-2.
ND	Not detected above the laboratory detection limit.
mg/L	milligrams/Liter, equivalent to parts per million

GREAT LAKES ANALYTICAL

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28 November 2001

Gerald Kraemer
EGSL
351 W. Hubbard, Suite 401
Chicago, IL 60610
RE: Former Ames Supply

Enclosed are the results of analyses for samples received by the laboratory on 11/16/01. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Andy Johnson
Project Manager

GREAT LAKES ANALYTICAL

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EGSL	Project: Former Ames Supply	
351 W. Hubbard, Suite 401	Project Number: 011332	Reported:
Chicago IL, 60610	Project Manager: Gerald Kraemer	11/28/01 14:55

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	B111255-01	Water	11/16/01 08:30	11/16/01 08:29
MW-2	B111255-02	Water	11/16/01 09:00	11/16/01 08:29
MW-3	B111255-03	Water	11/16/01 10:00	11/16/01 08:29
MW-200	B111255-04	Water	11/16/01 09:30	11/16/01 08:29
MW-6	B111255-05	Water	11/16/01 10:30	11/16/01 08:29
Trip Blank	B111255-06	Water	11/16/01 00:00	11/16/01 08:29

Great Lakes Analytical

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Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL
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EGSL	Project: Former Ames Supply	
351 W. Hubbard, Suite 401	Project Number: 011332	Reported:
Chicago IL, 60610	Project Manager: Gerald Kraemer	11/28/01 14:55

Volatile Organic Compounds by EPA Method 8260B

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (B111255-01) Water Sampled: 11/16/01 08:30 Received: 11/16/01 08:29									G1,G4,G15
Acetone	ND	10.0	ug/l	1	1110388	11/21/01	11/21/01	5030B/8260B	
Benzene	ND	2.00	"	"	"	"	"	"	
Bromodichloromethane	ND	2.00	"	"	"	"	"	"	
Bromoform	ND	2.00	"	"	"	"	"	"	
Bromomethane	ND	2.00	"	"	"	"	"	"	
2-Butanone	ND	10.0	"	"	"	"	"	"	
Carbon disulfide	ND	2.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	2.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	2.00	"	"	"	"	"	"	
Chloroethane	ND	2.00	"	"	"	"	"	"	
Chloroform	ND	2.00	"	"	"	"	"	"	
Chloromethane	ND	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.00	"	"	"	"	"	"	
Ethylbenzene	ND	2.00	"	"	"	"	"	"	
2-Hexanone	ND	10.0	"	"	"	"	"	"	
Methylene chloride	ND	2.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	10.0	"	"	"	"	"	"	
Styrene	ND	2.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.00	"	"	"	"	"	"	
Tetrachloroethene	ND	2.00	"	"	"	"	"	"	
Toluene	ND	2.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.00	"	"	"	"	"	"	
Trichloroethene	ND	2.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.00	"	"	"	"	"	"	
Vinyl acetate	ND	2.00	"	"	"	"	"	"	
Vinyl chloride	ND	2.00	"	"	"	"	"	"	
Total Xylenes	ND	2.00	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*106 %*	*91.1-111*	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*85.1-104*	"	"	"	"	"	O5
Surrogate: Toluene-d8		*100 %*	*95.1-105*	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90.6 %*	*89.6-105*	"	"	"	"	"	

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Andy Johnson, Project Manager

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EGSL 351 W. Hubbard, Suite 401 Chicago IL, 60610	Project: Former Ames Supply Project Number: 011332 Project Manager: Gerald Kraemer	Reported: 11/28/01 14:55

Volatile Organic Compounds by EPA Method 8260B

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (B111255-02) Water	**Sampled: 11/16/01 09:00**	**Received: 11/16/01 08:29**							**G1,G4,G15**
Acetone	ND	10.0	ug/l	1	1110388	11/21/01	11/21/01	5030B/8260B	
Benzene	ND	2.00	"	"	"	"	"	"	
Bromodichloromethane	ND	2.00	"	"	"	"	"	"	
Bromoform	ND	2.00	"	"	"	"	"	"	
Bromomethane	ND	2.00	"	"	"	"	"	"	
2-Butanone	ND	10.0	"	"	"	"	"	"	
Carbon disulfide	ND	2.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	2.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	2.00	"	"	"	"	"	"	
Chloroethane	ND	2.00	"	"	"	"	"	"	
Chloroform	ND	2.00	"	"	"	"	"	"	
Chloromethane	ND	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.00	"	"	"	"	"	"	
Ethylbenzene	ND	2.00	"	"	"	"	"	"	
2-Hexanone	ND	10.0	"	"	"	"	"	"	
Methylene chloride	ND	2.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	10.0	"	"	"	"	"	"	
Styrene	ND	2.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.00	"	"	"	"	"	"	
Tetrachloroethene	ND	2.00	"	"	"	"	"	"	
Toluene	ND	2.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.00	"	"	"	"	"	"	
Trichloroethene	ND	2.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.00	"	"	"	"	"	"	
Vinyl acetate	ND	2.00	"	"	"	"	"	"	
Vinyl chloride	ND	2.00	"	"	"	"	"	"	
Total Xylenes	ND	2.00	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*106 %*	*91.1-111*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*85.1-104*		"	"	"	"	*OS*
Surrogate: Toluene-d8		*101 %*	*95.1-105*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90.8 %*	*89.6-105*		"	"	"	"	

Great Lakes Analytical

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Andy Johnson, Project Manager

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EGSL 351 W. Hubbard, Suite 401 Chicago IL, 60610	Project: Former Ames Supply Project Number: 011332 Project Manager: Gerald Kraemer	Reported: 11/28/01 14:55

Volatile Organic Compounds by EPA Method 8260B
Great Lakes Analytical

MW-3 (B111255-03) Water Sampled: 11/16/01 10:00 Received: 11/16/01 08:29 GI,G4,G15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	ND	10.0	ug/l	1	1110388	11/21/01	11/21/01	5030B/8260B	
Benzene	ND	2.00	"	"	"	"	"	"	
Bromodichloromethane	ND	2.00	"	"	"	"	"	"	
Bromoform	ND	2.00	"	"	"	"	"	"	
Bromomethane	ND	2.00	"	"	"	"	"	"	
2-Butanone	ND	10.0	"	"	"	"	"	"	
Carbon disulfide	ND	2.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	2.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	2.00	"	"	"	"	"	"	
Chloroethane	ND	2.00	"	"	"	"	"	"	
Chloroform	ND	2.00	"	"	"	"	"	"	
Chloromethane	ND	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	**2.41**	2.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**16.2**	2.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.00	"	"	"	"	"	"	
Ethylbenzene	ND	2.00	"	"	"	"	"	"	
2-Hexanone	ND	10.0	"	"	"	"	"	"	
Methylene chloride	ND	2.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	10.0	"	"	"	"	"	"	
Styrene	ND	2.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.00	"	"	"	"	"	"	
Tetrachloroethene	**126**	2.00	"	"	"	"	"	"	
Toluene	ND	2.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	**14.4**	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.00	"	"	"	"	"	"	
Trichloroethene	**7.79**	2.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.00	"	"	"	"	"	"	
Vinyl acetate	ND	2.00	"	"	"	"	"	"	
Vinyl chloride	ND	2.00	"	"	"	"	"	"	
Total Xylenes	ND	2.00	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*106 %*	*91.1-111*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*85.1-104*		"	"	"	"	*OS*
Surrogate: Toluene-d8		*101 %*	*95.1-105*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90.2 %*	*89.6-105*		"	"	"	"	

Great Lakes Analytical

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Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL

1380 Busch Parkway
Buffalo Grove, Illinois 60089

Email: info@glalabs.com
(847) 808-7766 FAX (847) 808-7772

EGSL	Project: Former Ames Supply	
351 W. Hubbard, Suite 401	Project Number: 011332	Reported:
Chicago IL, 60610	Project Manager: Gerald Kraemer	11/28/01 14:55

Volatile Organic Compounds by EPA Method 8260B

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-200 (B111255-04) Water Sampled: 11/16/01 09:30 Received: 11/16/01 08:29									**G1,G4,G15**
Acetone	ND	10.0	ug/l	1	1110388	11/21/01	11/23/01	5030B/8260B	
Benzene	ND	2.00	"	"	"	"	"	"	
Bromodichloromethane	ND	2.00	"	"	"	"	"	"	
Bromoform	ND	2.00	"	"	"	"	"	"	
Bromomethane	ND	2.00	"	"	"	"	"	"	
2-Butanone	ND	10.0	"	"	"	"	"	"	
Carbon disulfide	ND	2.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	2.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	2.00	"	"	"	"	"	"	
Chloroethane	ND	2.00	"	"	"	"	"	"	
Chloroform	ND	2.00	"	"	"	"	"	"	
Chloromethane	ND	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.00	"	"	"	"	"	"	
Ethylbenzene	ND	2.00	"	"	"	"	"	"	
2-Hexanone	ND	10.0	"	"	"	"	"	"	
Methylene chloride	ND	2.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	10.0	"	"	"	"	"	"	
Styrene	ND	2.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.00	"	"	"	"	"	"	
Tetrachloroethene	ND	2.00	"	"	"	"	"	"	
Toluene	ND	2.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.00	"	"	"	"	"	"	
Trichloroethene	ND	2.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.00	"	"	"	"	"	"	
Vinyl acetate	ND	2.00	"	"	"	"	"	"	
Vinyl chloride	ND	2.00	"	"	"	"	"	"	
Total Xylenes	ND	2.00	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*110 %*	*91.1-111*	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*85.1-104*	"	"	"	"	"	*Os*
Surrogate: Toluene-d8		*101 %*	*95.1-105*	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92.6 %*	*89.6-105*	"	"	"	"	"	

Great Lakes Analytical

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Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL

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EGSL	Project: Former Ames Supply	
351 W. Hubbard, Suite 401	Project Number: 011332	Reported:
Chicago IL, 60610	Project Manager: Gerald Kraemer	11/28/01 14:55

Volatile Organic Compounds by EPA Method 8260B

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-6 (B111255-05) Water Sampled: 11/16/01 10:30 Received: 11/16/01 08:29									**G1,G4,G15**
Acetone	ND	10.0	ug/l	1	1110388	11/21/01	11/23/01	5030B/8260B	
Benzene	ND	2.00	"	"	"	"	"	"	
Bromodichloromethane	ND	2.00	"	"	"	"	"	"	
Bromoform	ND	2.00	"	"	"	"	"	"	
Bromomethane	ND	2.00	"	"	"	"	"	"	
2-Butanone	ND	10.0	"	"	"	"	"	"	
Carbon disulfide	ND	2.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	2.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	2.00	"	"	"	"	"	"	
Chloroethane	ND	2.00	"	"	"	"	"	"	
Chloroform	ND	2.00	"	"	"	"	"	"	
Chloromethane	ND	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.00	"	"	"	"	"	"	
Ethylbenzene	ND	2.00	"	"	"	"	"	"	
2-Hexanone	ND	10.0	"	"	"	"	"	"	
Methylene chloride	ND	2.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	10.0	"	"	"	"	"	"	
Styrene	ND	2.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.00	"	"	"	"	"	"	
Tetrachloroethene	ND	2.00	"	"	"	"	"	"	
Toluene	ND	2.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.00	"	"	"	"	"	"	
Trichloroethene	ND	2.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.00	"	"	"	"	"	"	
Vinyl acetate	ND	2.00	"	"	"	"	"	"	
Vinyl chloride	ND	2.00	"	"	"	"	"	"	
Total Xylenes	ND	2.00	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*110 %*	*91.1-111*	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*85.1-104*	"	"	"	"	"	*05*
Surrogate: Toluene-d8		*101 %*	*95.1-105*	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.0 %*	*89.6-105*	"	"	"	"	"	

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Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL

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EGSL	Project: Former Ames Supply	
351 W. Hubbard, Suite 401	Project Number: 011332	Reported:
Chicago IL, 60610	Project Manager: Gerald Kraemer	11/28/01 14:55

Volatile Organic Compounds by EPA Method 8260B

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Trip Blank (B111255-06) Water	**Sampled: 11/16/01 00:00**	**Received: 11/16/01 08:29**							**G1,G4,G15**
Acetone	ND	10.0	ug/l	1	1110388	11/21/01	11/23/01	5030B/8260B	
Benzene	ND	2.00	"	"	"	"	"	"	
Bromodichloromethane	ND	2.00	"	"	"	"	"	"	
Bromoform	ND	2.00	"	"	"	"	"	"	
Bromomethane	ND	2.00	"	"	"	"	"	"	
2-Butanone	ND	10.0	"	"	"	"	"	"	
Carbon disulfide	ND	2.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	2.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	2.00	"	"	"	"	"	"	
Chloroethane	ND	2.00	"	"	"	"	"	"	
Chloroform	ND	2.00	"	"	"	"	"	"	
Chloromethane	ND	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.00	"	"	"	"	"	"	
Ethylbenzene	ND	2.00	"	"	"	"	"	"	
2-Hexanone	ND	10.0	"	"	"	"	"	"	
Methylene chloride	ND	2.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	10.0	"	"	"	"	"	"	
Styrene	ND	2.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.00	"	"	"	"	"	"	
Tetrachloroethene	ND	2.00	"	"	"	"	"	"	
Toluene	ND	2.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.00	"	"	"	"	"	"	
Trichloroethene	ND	2.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.00	"	"	"	"	"	"	
Vinyl acetate	ND	2.00	"	"	"	"	"	"	
Vinyl chloride	ND	2.00	"	"	"	"	"	"	
Total Xylenes	ND	2.00	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*109 %*	*91.1-111*	"	"	"	"	"	
Surrogate: 1,2 Dichloroethane-d4		*104 %*	*85.1-104*	"	"	"	"	"	
Surrogate: Toluene-d8		*100 %*	*95.1-105*	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.0 %*	*89.6-105*	"	"	"	"	"	

Great Lakes Analytical

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Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL

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EGSL	Project: Former Ames Supply	
351 W. Hubbard, Suite 401	Project Number: 011332	Reported:
Chicago IL, 60610	Project Manager: Gerald Kraemer	11/28/01 14:55

Semivolatile Organic Compounds by EPA Method 8270C

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (B111255-01) Water Sampled: 11/16/01 08:30 Received: 11/16/01 08:29									O3
Acenaphthene	ND	2.00	ug/l	1	1110381	11/21/01	11/27/01	EPA 8270C	
Acenaphthylene	ND	2.00	"	"	"	"	"	"	
Aniline	ND	2.00	"	"	"	"	"	"	
Anthracene	ND	2.00	"	"	"	"	"	"	
Benzoic acid	ND	10.0	"	"	"	"	"	"	
Benz (a) anthracene	ND	2.00	"	"	"	"	"	"	
Benzo (a) pyrene	ND	2.00	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	2.00	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	2.00	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	2.00	"	"	"	"	"	"	
Benzyl alcohol	ND	2.00	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	2.00	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	2.00	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	2.00	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	10.0	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	2.00	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	2.00	"	"	"	"	"	"	
4-Chloroaniline	ND	2.00	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	2.00	"	"	"	"	"	"	
2-Chloronaphthalene	ND	2.00	"	"	"	"	"	"	
2-Chlorophenol	ND	2.00	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	2.00	"	"	"	"	"	"	
Chrysene	ND	2.00	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	2.00	"	"	"	"	"	"	
Dibenzofuran	ND	2.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.00	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	10.0	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	2.00	"	"	"	"	"	"	
Diethyl phthalate	ND	2.00	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	2.00	"	"	"	"	"	"	
Dimethyl phthalate	ND	2.00	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	10.0	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	10.0	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10.0	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	2.00	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	2.00	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	2.00	"	"	"	"	"	"	
Fluoranthene	ND	2.00	"	"	"	"	"	"	
Fluorene	ND	2.00	"	"	"	"	"	"	
Hexachlorobenzene	ND	2.00	"	"	"	"	"	"	

Great Lakes Analytical

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Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL
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EGSL	Project: Former Ames Supply	
351 W. Hubbard, Suite 401	Project Number: 011332	**Reported:**
Chicago IL, 60610	Project Manager: Gerald Kraemer	11/28/01 14:55

Semivolatile Organic Compounds by EPA Method 8270C

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (B111255-01) Water	**Sampled: 11/16/01 08:30**	**Received: 11/16/01 08:29**							O3
Hexachlorobutadiene	ND	2.00	ug/l	1	1110381	11/21/01	11/27/01	EPA 8270C	
Hexachlorocyclopentadiene	ND	2.00	"	"	"	"	"	"	
Hexachloroethane	ND	2.00	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	2.00	"	"	"	"	"	"	
Isophorone	ND	2.00	"	"	"	"	"	"	
2-Methylnaphthalene	ND	2.00	"	"	"	"	"	"	
o-Cresol	ND	2.00	"	"	"	"	"	"	
m,p-Cresols	ND	2.00	"	"	"	"	"	"	
Naphthalene	ND	2.00	"	"	"	"	"	"	
2-Nitroaniline	ND	10.0	"	"	"	"	"	"	
3-Nitroaniline	ND	10.0	"	"	"	"	"	"	
4-Nitroaniline	ND	10.0	"	"	"	"	"	"	
Nitrobenzene	ND	2.00	"	"	"	"	"	"	
2-Nitrophenol	ND	2.00	"	"	"	"	"	"	
4-Nitrophenol	ND	10.0	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	2.00	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	2.00	"	"	"	"	"	"	
Pentachlorophenol	ND	10.0	"	"	"	"	"	"	
Phenanthrene	ND	2.00	"	"	"	"	"	"	
Phenol	ND	2.00	"	"	"	"	"	"	
Pyrene	ND	2.00	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.00	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	10.0	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	2.00	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*11.7 %*	*10-70 3*	"	"	"	"		
Surrogate: Phenol-d6		*8.99 %*	*10.8-41.4*	"	"	"	"		O4
Surrogate: Nitrobenzene-d5		*26.2 %*	*38.8-98.5*	"	"	"	"		O4
Surrogate: 2-Fluorobiphenyl		*18.7 %*	*38-89.3*	"	"	"	"		O4
Surrogate: 2,4,6-Tribromophenol		*16.9 %*	*10-122*	"	"	"	"		
Surrogate: p-Terphenyl-d14		*27.0 %*	*14.5-131*	"	"	"	"		

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EGSL	Project: Former Ames Supply	
351 W. Hubbard, Suite 401	Project Number: 011332	Reported:
Chicago IL, 60610	Project Manager: Gerald Kraemer	11/28/01 14:55

Semivolatile Organic Compounds by EPA Method 8270C

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (B111255-02) Water	**Sampled: 11/16/01 09:00**	**Received: 11/16/01 08:29**							**O3**
Acenaphthene	ND	2.00	ug/l	1	1110381	11/21/01	11/27/01	EPA 8270C	
Acenaphthylene	ND	2.00	"	"	"	"	"	"	
Aniline	ND	2.00	"	"	"	"	"	"	
Anthracene	ND	2.00	"	"	"	"	"	"	
Benzoic acid	ND	10.0	"	"	"	"	"	"	
Benz (a) anthracene	ND	2.00	"	"	"	"	"	"	
Benzo (a) pyrene	ND	2.00	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	2.00	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	2.00	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	2.00	"	"	"	"	"	"	
Benzyl alcohol	ND	2.00	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	2.00	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	2.00	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	2.00	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	10.0	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	2.00	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	2.00	"	"	"	"	"	"	
4-Chloroaniline	ND	2.00	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	2.00	"	"	"	"	"	"	
2-Chloronaphthalene	ND	2.00	"	"	"	"	"	"	
2-Chlorophenol	ND	2.00	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	2.00	"	"	"	"	"	"	
Chrysene	ND	2.00	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	2.00	"	"	"	"	"	"	
Dibenzofuran	ND	2.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.00	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	10.0	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	2.00	"	"	"	"	"	"	
Diethyl phthalate	ND	2.00	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	2.00	"	"	"	"	"	"	
Dimethyl phthalate	ND	2.00	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	10.0	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	10.0	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10.0	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	2.00	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	2.00	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	2.00	"	"	"	"	"	"	
Fluoranthene	ND	2.00	"	"	"	"	"	"	
Fluorene	ND	2.00	"	"	"	"	"	"	
Hexachlorobenzene	ND	2.00	"	"	"	"	"	"	

Great Lakes Analytical

Andy Johnson, Project Manager

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GREAT LAKES ANALYTICAL
1380 Busch Parkway
Buffalo Grove, Illinois 60089
Email: info@glalabs.com
(847) 808-7766 FAX (847) 808-7772

EGSL	Project: Former Ames Supply	
351 W. Hubbard, Suite 401	Project Number: 011332	Reported:
Chicago IL, 60610	Project Manager: Gerald Kraemer	11/28/01 14:55

Semivolatile Organic Compounds by EPA Method 8270C

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (B111255-02) Water Sampled: 11/16/01 09:00 Received: 11/16/01 08:29									O3
Hexachlorobutadiene	ND	2.00	ug/l	1	1110381	11/21/01	11/27/01	EPA 8270C	
Hexachlorocyclopentadiene	ND	2.00	"	"	"	"	"	"	
Hexachloroethane	ND	2.00	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	2.00	"	"	"	"	"	"	
Isophorone	ND	2.00	"	"	"	"	"	"	
2-Methylnaphthalene	ND	2.00	"	"	"	"	"	"	
o-Cresol	ND	2.00	"	"	"	"	"	"	
m,p-Cresols	ND	2.00	"	"	"	"	"	"	
Naphthalene	ND	2.00	"	"	"	"	"	"	
2-Nitroaniline	ND	10.0	"	"	"	"	"	"	
3-Nitroaniline	ND	10.0	"	"	"	"	"	"	
4-Nitroaniline	ND	10.0	"	"	"	"	"	"	
Nitrobenzene	ND	2.00	"	"	"	"	"	"	
2-Nitrophenol	ND	2.00	"	"	"	"	"	"	
4-Nitrophenol	ND	10.0	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	2.00	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	2.00	"	"	"	"	"	"	
Pentachlorophenol	ND	10.0	"	"	"	"	"	"	
Phenanthrene	ND	2.00	"	"	"	"	"	"	
Phenol	ND	2.00	"	"	"	"	"	"	
Pyrene	ND	2.00	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.00	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	10.0	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	2.00	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*12.2 %*	*10-70.3*	"	"	"	"		
Surrogate: Phenol-d6		*8.77 %*	*10.8-41.4*	"	"	"	"		O4
Surrogate: Nitrobenzene-d5		*18.9 %*	*38.8-98.5*	"	"	"	"		O4
Surrogate: 2 Fluorobiphenyl		*17.8 %*	*38-89.3*	"	"	"	"		O4
Surrogate: 2,4,6-Tribromophenol		*17.6 %*	*10-122*	"	"	"	"		
Surrogate: p-Terphenyl-d14		*25.5 %*	*14.5-131*	"	"	"	"		

Great Lakes Analytical

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GREAT LAKES ANALYTICAL

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EGSL	Project: Former Ames Supply	
351 W. Hubbard, Suite 401	Project Number: 011332	Reported:
Chicago IL, 60610	Project Manager: Gerald Kraemer	11/28/01 14:55

Semivolatile Organic Compounds by EPA Method 8270C

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-200 (B111255-04) Water	**Sampled: 11/16/01 09:30**	**Received: 11/16/01 08:29**							**O3**
Hexachlorobutadiene	ND	2.00	ug/l	1	1110381	11/21/01	11/27/01	EPA 8270C	
Hexachlorocyclopentadiene	ND	2.00	"	"	"	"	"	"	
Hexachloroethane	ND	2.00	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	2.00	"	"	"	"	"	"	
Isophorone	ND	2.00	"	"	"	"	"	"	
2-Methylnaphthalene	ND	2.00	"	"	"	"	"	"	
o-Cresol	ND	2.00	"	"	"	"	"	"	
m,p-Cresols	ND	2.00	"	"	"	"	"	"	
Naphthalene	ND	2.00	"	"	"	"	"	"	
2-Nitroaniline	ND	10.0	"	"	"	"	"	"	
3-Nitroaniline	ND	10.0	"	"	"	"	"	"	
4-Nitroaniline	ND	10.0	"	"	"	"	"	"	
Nitrobenzene	ND	2.00	"	"	"	"	"	"	
2-Nitrophenol	ND	2.00	"	"	"	"	"	"	
4-Nitrophenol	ND	10.0	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	2.00	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	2.00	"	"	"	"	"	"	
Pentachlorophenol	ND	10.0	"	"	"	"	"	"	
Phenanthrene	ND	2.00	"	"	"	"	"	"	
Phenol	ND	2.00	"	"	"	"	"	"	
Pyrene	ND	2.00	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.00	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	10.0	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	2.00	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*13.9 %*	*10-70.3*	"	"	"	"		
Surrogate: Phenol-d6		*11.9 %*	*10.8-41.4*	"	"	"	"		
Surrogate: Nitrobenzene-d5		*23.0 %*	*38.8-98.5*	"	"	"	"		*O4*
Surrogate: 2-Fluorobiphenyl		*18.7 %*	*38-89.3*	"	"	"	"		*O4*
Surrogate: 2,4,6-Tribromophenol		*19.7 %*	*10-122*	"	"	"	"		
Surrogate: p-Terphenyl-d14		*26.4 %*	*14.5-131*	"	"	"	"		

Great Lakes Analytical

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Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL

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EGSL	Project: Former Ames Supply	
351 W. Hubbard, Suite 401	Project Number: 011332	Reported:
Chicago IL, 60610	Project Manager: Gerald Kraemer	11/28/01 14:55

Semivolatile Organic Compounds by EPA Method 8270C

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (B111255-03) Water Sampled: 11/16/01 10:00 Received: 11/16/01 08:29									03
Acenaphthene	ND	2.00	ug/l	1	1110381	11/21/01	11/27/01	EPA 8270C	
Acenaphthylene	ND	2.00	"	"	"	"	"	"	
Aniline	ND	2.00	"	"	"	"	"	"	
Anthracene	ND	2.00	"	"	"	"	"	"	
Benzoic acid	ND	10.0	"	"	"	"	"	"	
Benz (a) anthracene	ND	2.00	"	"	"	"	"	"	
Benzo (a) pyrene	ND	2.00	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	2.00	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	2.00	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	2.00	"	"	"	"	"	"	
Benzyl alcohol	ND	2.00	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	2.00	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	2.00	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	2.00	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	10.0	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	2.00	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	2.00	"	"	"	"	"	"	
4-Chloroaniline	ND	2.00	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	2.00	"	"	"	"	"	"	
2-Chloronaphthalene	ND	2.00	"	"	"	"	"	"	
2-Chlorophenol	ND	2.00	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	2.00	"	"	"	"	"	"	
Chrysene	ND	2.00	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	2.00	"	"	"	"	"	"	
Dibenzofuran	ND	2.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.00	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	10.0	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	2.00	"	"	"	"	"	"	
Diethyl phthalate	ND	2.00	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	2.00	"	"	"	"	"	"	
Dimethyl phthalate	ND	2.00	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	10.0	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	10.0	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10.0	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	2.00	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	2.00	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	2.00	"	"	"	"	"	"	
Fluoranthene	ND	2.00	"	"	"	"	"	"	
Fluorene	ND	2.00	"	"	"	"	"	"	
Hexachlorobenzene	ND	2.00	"	"	"	"	"	"	

Great Lakes Analytical

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Andy Johnson, Project Manager

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EGSL	Project: Former Ames Supply	
351 W. Hubbard, Suite 401	Project Number: 011332	Reported:
Chicago IL, 60610	Project Manager: Gerald Kraemer	11/28/01 14:55

Semivolatile Organic Compounds by EPA Method 8270C

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (B111255-03) Water	**Sampled: 11/16/01 10:00**	**Received: 11/16/01 08:29**							O3
Hexachlorobutadiene	ND	2.00	ug/l	1	1110381	11/21/01	11/27/01	EPA 8270C	
Hexachlorocyclopentadiene	ND	2.00	"	"	"	"	"	"	
Hexachloroethane	ND	2.00	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	2.00	"	"	"	"	"	"	
Isophorone	ND	2.00	"	"	"	"	"	"	
2-Methylnaphthalene	ND	2.00	"	"	"	"	"	"	
o-Cresol	ND	2.00	"	"	"	"	"	"	
m,p-Cresols	ND	2.00	"	"	"	"	"	"	
Naphthalene	ND	2.00	"	"	"	"	"	"	
2-Nitroaniline	ND	10.0	"	"	"	"	"	"	
3-Nitroaniline	ND	10.0	"	"	"	"	"	"	
4-Nitroaniline	ND	10.0	"	"	"	"	"	"	
Nitrobenzene	ND	2.00	"	"	"	"	"	"	
2-Nitrophenol	ND	2.00	"	"	"	"	"	"	
4-Nitrophenol	ND	10.0	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	2.00	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	2.00	"	"	"	"	"	"	
Pentachlorophenol	ND	10.0	"	"	"	"	"	"	
Phenanthrene	ND	2.00	"	"	"	"	"	"	
Phenol	ND	2.00	"	"	"	"	"	"	
Pyrene	ND	2.00	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.00	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	10.0	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	2.00	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*13.7 %*	*10-70.3*	"	"	"	"	"	
Surrogate: Phenol-d6		*9.62 %*	*10.8-41.4*	"	"	"	"	"	O4
Surrogate: Nitrobenzene-d5		*20.2 %*	*38.8-98.5*	"	"	"	"	"	O4
Surrogate: 2-Fluorobiphenyl		*18.7 %*	*38-89.3*	"	"	"	"	"	O4
Surrogate: 2,4,6-Tribromophenol		*18.2 %*	*10-122*	"	"	"	"	"	
Surrogate: p-Terphenyl-d14		*23.0 %*	*14.5-131*	"	"	"	"	"	

Great Lakes Analytical

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EQSL	Project: Former Ames Supply	
351 W. Hubbard, Suite 401	Project Number: 011332	Reported:
Chicago IL, 60610	Project Manager: Gerald Kraemer	11/28/01 14:55

Semivolatile Organic Compounds by EPA Method 8270C

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-6 (B111255-05) Water Sampled: 11/16/01 10:30 Received: 11/16/01 08:29									O3
Acenaphthene	ND	2.00	ug/l	1	1110381	11/21/01	11/28/01	EPA 8270C	
Acenaphthylene	ND	2.00	"	"	"	"	"	"	
Aniline	ND	2.00	"	"	"	"	"	"	
Anthracene	ND	2.00	"	"	"	"	"	"	
Benzoic acid	ND	10.0	"	"	"	"	"	"	
Benz (a) anthracene	ND	2.00	"	"	"	"	"	"	
Benzo (a) pyrene	ND	2.00	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	2.00	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	2.00	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	2.00	"	"	"	"	"	"	
Benzyl alcohol	ND	2.00	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	2.00	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	2.00	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	2.00	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	10.0	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	2.00	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	2.00	"	"	"	"	"	"	
4-Chloroaniline	ND	2.00	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	2.00	"	"	"	"	"	"	
2-Chloronaphthalene	ND	2.00	"	"	"	"	"	"	
2-Chlorophenol	ND	2.00	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	2.00	"	"	"	"	"	"	
Chrysene	ND	2.00	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	2.00	"	"	"	"	"	"	
Dibenzofuran	ND	2.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.00	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	10.0	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	2.00	"	"	"	"	"	"	
Diethyl phthalate	ND	2.00	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	2.00	"	"	"	"	"	"	
Dimethyl phthalate	ND	2.00	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	10.0	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	10.0	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10.0	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	2.00	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	2.00	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	2.00	"	"	"	"	"	"	
Fluoranthene	ND	2.00	"	"	"	"	"	"	
Fluorene	ND	2.00	"	"	"	"	"	"	
Hexachlorobenzene	ND	2.00	"	"	"	"	"	"	

Great Lakes Analytical

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EGSL	Project: Former Ames Supply	
351 W. Hubbard, Suite 401	Project Number: 011332	Reported:
Chicago IL, 60610	Project Manager: Gerald Kraemer	11/28/01 14:55

Semivolatile Organic Compounds by EPA Method 8270C

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-6 (B111255-05) Water	**Sampled: 11/16/01 10:30**	**Received: 11/16/01 08:29**							**O3**
Hexachlorobutadiene	ND	2.00	ug/l	1	1110381	11/21/01	11/28/01	EPA 8270C	
Hexachlorocyclopentadiene	ND	2.00	"	"	"	"	"	"	
Hexachloroethane	ND	2.00	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	2.00	"	"	"	"	"	"	
Isophorone	ND	2.00	"	"	"	"	"	"	
2-Methylnaphthalene	ND	2.00	"	"	"	"	"	"	
o-Cresol	ND	2.00	"	"	"	"	"	"	
m,p-Cresols	ND	2.00	"	"	"	"	"	"	
Naphthalene	ND	2.00	"	"	"	"	"	"	
2-Nitroaniline	ND	10.0	"	"	"	"	"	"	
3-Nitroaniline	ND	10.0	"	"	"	"	"	"	
4-Nitroaniline	ND	10.0	"	"	"	"	"	"	
Nitrobenzene	ND	2.00	"	"	"	"	"	"	
2-Nitrophenol	ND	2.00	"	"	"	"	"	"	
4-Nitrophenol	ND	10.0	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	2.00	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	2.00	"	"	"	"	"	"	
Pentachlorophenol	ND	10.0	"	"	"	"	"	"	
Phenanthrene	ND	2.00	"	"	"	"	"	"	
Phenol	ND	2.00	"	"	"	"	"	"	
Pyrene	ND	2.00	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.00	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	10.0	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	2.00	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*13.8 %*	*10-70.3*	"	"	"	"	"	
Surrogate: Phenol-d6		*9.90 %*	*10.8-41.4*	"	"	"	"	"	*O4*
Surrogate: Nitrobenzene-d5		*23.8 %*	*38.8-98.5*	"	"	"	"	"	*O4*
Surrogate: 2-Fluorobiphenyl		*18.4 %*	*38-89.3*	"	"	"	"	"	*O4*
Surrogate: 2,4,6-Tribromophenol		*17.2 %*	*10-122*	"	"	"	"	"	
Surrogate: p-Terphenyl-d14		*21.9 %*	*14.5-131*	"	"	"	"	"	

Great Lakes Analytical

Andy Johnson, Project Manager

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GREAT LAKES ANALYTICAL

1380 Busch Parkway
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EGSL	Project: Former Ames Supply	
351 W. Hubbard, Suite 401	Project Number: 011332	Reported:
Chicago IL, 60610	Project Manager: Gerald Kraemer	11/28/01 14:55

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1110388 - EPA 5030B (P/T)										
Blank (1110388-BLK1)			Prepared & Analyzed: 11/21/01							
Acetone	ND	10.0	ug/l							
Benzene	ND	2.00	"							
Bromodichloromethane	ND	2.00	"							
Bromoform	ND	2.00	"							
Bromomethane	ND	2.00	"							
2-Butanone	ND	10.0	"							
Carbon disulfide	ND	2.00	"							
Carbon tetrachloride	ND	2.00	"							
Chlorobenzene	ND	2.00	"							
Chlorodibromomethane	ND	2.00	"							
Chloroethane	ND	2.00	"							
Chloroform	ND	2.00	"							
Chloromethane	ND	2.00	"							
1,1 Dichloroethane	ND	2.00	"							
1,2-Dichloroethane	ND	2.00	"							
1,1-Dichloroethene	ND	2.00	"							
cis-1,2-Dichloroethene	ND	2.00	"							
trans-1,2-Dichloroethene	ND	2.00	"							
1,2-Dichloropropane	ND	2.00	"							
cis-1,3-Dichloropropene	ND	2.00	"							
trans-1,3-Dichloropropene	ND	2.00	"							
Ethylbenzene	ND	2.00	"							
2-Hexanone	ND	10.0	"							
Methylene chloride	ND	2.00	"							
4-Methyl-2-pentanone	ND	10.0	"							
Styrene	ND	2.00	"							
1,1,2,2-Tetrachloroethane	ND	2.00	"							
Tetrachloroethene	ND	2.00	"							
Toluene	ND	2.00	"							
1,1,1-Trichloroethane	ND	2.00	"							
1,1,2-Trichloroethane	ND	2.00	"							
Trichloroethene	ND	2.00	"							
Trichlorofluoromethane	ND	2.00	"							
Vinyl acetate	ND	2.00	"							
Vinyl chloride	ND	2.00	"							
Total Xylenes	ND	2.00	"							
Surrogate: Dibromofluoromethane	*52.7*		"	*50.0*		*105*	*91.1-111*			
Surrogate: 1,2-Dichloroethane-d4	*52.0*		"	*50.0*		*104*	*85.1-104*			

Great Lakes Analytical

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Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL

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EGSL
351 W. Hubbard, Suite 401
Chicago IL, 60610

Project: Former Ames Supply
Project Number: 011332
Project Manager: Gerald Kraemer

Reported:
11/28/01 14:55

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1110388 - EPA 5030B (P/T)										
Blank (1110388-BLK1)				Prepared & Analyzed: 11/21/01						
Surrogate: Toluene-d8	*49.5*		*ug/l*	*50.0*		*99.0*	*85.1-105*			
Surrogate: 4-Bromofluorobenzene	*45.8*		"	*50.0*		*91.6*	*89.6-105*			
LCS (1110388-BS1)				Prepared & Analyzed: 11/21/01						
Acetone	59.6	10.0	ug/l	50.0		119	10-194			
Benzene	46.2	2.00	"	50.0		92.4	84.9-115			
Bromodichloromethane	53.3	2.00	"	50.0		107	74.3-130			
Bromoform	55.9	2.00	"	50.0		112	70.1-120			
Bromomethane	50.0	2.00	"	50.0		100	10-258			
2-Butanone	54.2	10.0	"	50.0		108	10-147			
Carbon disulfide	44.7	2.00	"	50.0		89.4	43.4-146			
Carbon tetrachloride	43.9	2.00	"	50.0		87.8	60.5-138			
Chlorobenzene	48.3	2.00	"	50.0		96.6	85.4-115			
Chlorodibromomethane	53.2	2.00	"	50.0		106	78.8-116			
Chloroethane	19.8	2.00	"	50.0		39.6	10-455			
Chloroform	50.3	2.00	"	50.0		101	74.5-134			
Chloromethane	46.3	2.00	"	50.0		92.6	78.7-128			
1,1-Dichloroethane	34.6	2.00	"	50.0		69.2	76.8-120			
1,2-Dichloroethane	54.4	2.00	"	50.0		109	66.7-129			
1,1-Dichloroethene	41.5	2.00	"	50.0		83.0	72.7-125			
cis-1,2-Dichloroethene	49.2	2.00	"	50.0		98.4	87-123			
trans-1,2-Dichloroethene	45.3	2.00	"	50.0		90.6	77.9-119			
1,2-Dichloropropane	50.9	2.00	"	50.0		102	88.3-115			
cis-1,3-Dichloropropene	55.7	2.00	"	50.0		111	81.2-120			
trans-1,3-Dichloropropene	67.0	2.00	"	50.0		134	75.2-126			
Ethylbenzene	46.3	2.00	"	50.0		92.6	84.3-119			
2-Hexanone	54.9	10.0	"	50.0		110	21.4-142			
Methylene chloride	61.8	2.00	"	50.0		124	62.5-140			
4-Methyl-2-pentanone	55.0	10.0	"	50.0		110	38.2-141			
Styrene	50.8	2.00	"	50.0		102	86.6-117			
1,1,2,2-Tetrachloroethane	55.7	2.00	"	50.0		111	13.2-197			
Tetrachloroethene	41.7	2.00	"	50.0		83.4	76.6-120			
Toluene	47.1	2.00	"	50.0		94.2	86.3-120			
1,1,1-Trichloroethane	44.8	2.00	"	50.0		89.6	63.5-146			
1,1,2-Trichloroethane	55.8	2.00	"	50.0		112	84.5-124			
Trichloroethene	41.9	2.00	"	50.0		83.8	51.4-153			
Trichlorofluoromethane	37.3	2.00	"	50.0		74.6	10-586			
Vinyl acetate	32.8	2.00	"	50.0		65.6	10-219			

Great Lakes Analytical

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Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL

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EGSL
351 W. Hubbard, Suite 401
Chicago IL, 60610

Project: Former Ames Supply
Project Number: 011332
Project Manager: Gerald Kraemer

Reported:
11/28/01 14:55

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1110388 - EPA 5030B (P/T)										
LCS (1110388-BS1)				Prepared & Analyzed: 11/21/01						
Vinyl chloride	42.6	2.00	ug/l	50.0		85.2	71-120			
Total Xylenes	141	2.00	"	150		94.0	88.3-118			
Surrogate: Dibromofluoromethane	*52.2*		"	*50.0*		*104*	*91.1-111*			
Surrogate: 1,2-Dichloroethane-d4	*51.2*		"	*50.0*		*102*	*85.1-104*			
Surrogate: Toluene-d8	*50.0*		"	*50.0*		*100*	*95.1-105*			
Surrogate: 4-Bromofluorobenzene	*50.8*		"	*50.0*		*102*	*89.6-105*			
Matrix Spike (1110388-MS1)	Source: B111255-01			Prepared: 11/21/01		Analyzed: 11/22/01				
Acetone	72.0	10.0	ug/l	50.0	ND	144	10-269			
Benzene	46.7	2.00	"	50.0	ND	93.4	71.4-115			
Bromodichloromethane	54.2	2.00	"	50.0	ND	108	65.3-134			
Bromoform	56.5	2.00	"	50.0	ND	113	54.6-132			
Bromomethane	65.1	2.00	"	50.0	ND	130	10-176			
2-Butanone	53.5	10.0	"	50.0	ND	107	10-201			
Carbon disulfide	47.5	2.00	"	50.0	ND	95.0	23.4-143			
Carbon tetrachloride	43.1	2.00	"	50.0	ND	86.2	26.3-133			
Chlorobenzene	46.9	2.00	"	50.0	ND	93.8	77.4-108			
Chlorodibromomethane	51.8	2.00	"	50.0	ND	104	72.8-117			
Chloroethane	43.6	2.00	"	50.0	ND	87.2	10-293			
Chloroform	51.8	2.00	"	50.0	ND	104	70.8-124			
Chloromethane	44.6	2.00	"	50.0	ND	89.2	61.3-109			
1,1-Dichloroethane	38.1	2.00	"	50.0	ND	76.2	63.3-114			
1,2-Dichloroethane	55.4	2.00	"	50.0	ND	111	54.5-137			
1,1-Dichloroethene	41.5	2.00	"	50.0	ND	83.0	36.1-115			
cis-1,2-Dichloroethene	49.6	2.00	"	50.0	ND	99.2	64.8-129			
trans-1,2-Dichloroethene	47.1	2.00	"	50.0	ND	94.2	54.7-113			
1,2-Dichloropropane	51.3	2.00	"	50.0	ND	103	77.8-114			
cis-1,3-Dichloropropene	51.9	2.00	"	50.0	ND	104	67.3-117			
trans-1,3-Dichloropropene	64.7	2.00	"	50.0	ND	129	57.3-124			
Ethylbenzene	45.0	2.00	"	50.0	ND	90.0	68.3-111			
2-Hexanone	59.7	10.0	"	50.0	ND	119	10-225			
Methylene chloride	59.7	2.00	"	50.0	ND	119	45.6-150			
4-Methyl-2-pentanone	57.9	10.0	"	50.0	ND	116	10-208			
Styrene	49.9	2.00	"	50.0	ND	99.8	49.7-126			
1,1,2,2-Tetrachloroethane	57.4	2.00	"	50.0	ND	115	20.6-223			
Tetrachloroethene	38.8	2.00	"	50.0	ND	77.6	45.1-113			
Toluene	48.1	2.00	"	50.0	ND	96.2	71.3-118			
1,1,1-Trichloroethane	45.4	2.00	"	50.0	ND	90.8	42.5-128			

Great Lakes Analytical

Andy Johnson, Project Manager

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GREAT LAKES ANALYTICAL

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EGSL	Project: Former Ames Supply	
351 W. Hubbard, Suite 401	Project Number: 011332	Reported:
Chicago IL, 60610	Project Manager: Gerald Kraemer	11/28/01 14:55

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1110388 - EPA 5030B (P/T)										
Matrix Spike (1110388-MS1)	Source: B111255-01			Prepared: 11/21/01		Analyzed: 11/22/01				
1,1,2-Trichloroethane	57.7	2.00	ug/l	50.0	ND	115	70.1-139			
Trichloroethene	41.0	2.00	"	50.0	ND	82.0	53.5-106			
Trichlorofluoromethane	42.9	2.00	"	50.0	ND	85.8	10-417			
Vinyl acetate	49.8	2.00	"	50.0	ND	99.6	10-239			
Vinyl chloride	41.6	2.00	"	50.0	ND	83.2	37.4-113			
Total Xylenes	139	2.00	"	150	ND	92.7	70.8-111			
Surrogate: Dibromofluoromethane	*54.3*		"	*50.0*		*109*	*91.1-111*			
Surrogate: 1,2-Dichloroethane-d4	*53.8*		"	*50.0*		*108*	*85.1-104*			
Surrogate: Toluene-d8	*52.0*		"	*50.0*		*104*	*95.1-105*			
Surrogate: 4-Bromofluorobenzene	*52.2*		"	*50.0*		*104*	*89.6-105*			
Matrix Spike Dup (1110388-MSD1)	Source: B111255-01			Prepared: 11/21/01		Analyzed: 11/22/01				
Acetone	76.5	10.0	ug/l	50.0	ND	153	10-269	6.06	73.8	
Benzene	45.5	2.00	"	50.0	ND	91.0	71.4-115	2.60	19.1	
Bromodichloromethane	53.8	2.00	"	50.0	ND	108	65.3-134	0.741	15.6	
Bromoform	57.0	2.00	"	50.0	ND	114	54.6-132	0.881	36.2	
Bromomethane	66.2	2.00	"	50.0	ND	132	10-176	1.68	45.7	
2-Butanone	54.9	10.0	"	50.0	ND	110	10-201	2.58	61.6	
Carbon disulfide	46.1	2.00	"	50.0	ND	92.2	23.4-143	2.99	23.6	
Carbon tetrachloride	40.0	2.00	"	50.0	ND	80.0	26.3-133	7.46	26.2	
Chlorobenzene	46.9	2.00	"	50.0	ND	93.8	77.4-108	0.00	12.2	
Chlorodibromomethane	53.0	2.00	"	50.0	ND	106	72.8-117	2.29	23.9	
Chloroethane	43.7	2.00	"	50.0	ND	87.4	10-293	0.229	36.9	
Chloroform	51.6	2.00	"	50.0	ND	103	70.8-124	0.387	10.6	
Chloromethane	50.8	2.00	"	50.0	ND	102	61.3-109	13.0	20.1	
1,1-Dichloroethane	45.4	2.00	"	50.0	ND	90.8	63.3-114	17.5	12.7	
1,2-Dichloroethane	55.0	2.00	"	50.0	ND	110	54.5-137	0.725	27.2	
1,1-Dichloroethene	42.0	2.00	"	50.0	ND	84.0	36.1-115	1.20	23	
cis-1,2-Dichloroethene	50.0	2.00	"	50.0	ND	100	64.8-129	0.803	19.6	
trans-1,2-Dichloroethene	46.3	2.00	"	50.0	ND	92.6	54.7-113	1.71	17.4	
1,2-Dichloropropane	50.8	2.00	"	50.0	ND	102	77.8-114	0.979	16.4	
cis-1,3-Dichloropropene	51.7	2.00	"	50.0	ND	103	67.3-117	0.386	15.7	
trans-1,3-Dichloropropene	64.0	2.00	"	50.0	ND	128	57.3-124	1.09	26.3	
Ethylbenzene	43.8	2.00	"	50.0	ND	87.6	68.3-111	2.70	13.5	
2-Hexanone	60.2	10.0	"	50.0	ND	120	10-225	0.834	58.3	
Methylene chloride	61.3	2.00	"	50.0	ND	123	45.6-150	2.64	11.4	
4-Methyl-2-pentanone	58.2	10.0	"	50.0	ND	116	10-208	0.517	69.7	
Styrene	49.6	2.00	"	50.0	ND	99.2	49.7-126	0.603	18.6	

Great Lakes Analytical

Andy Johnson, Project Manager

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351 W. Hubbard, Suite 401	Project Number: 011332	Reported:
Chicago IL, 60610	Project Manager: Gerald Kraemer	11/28/01 14:55

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1110388 - EPA 5030B (P/T)										
Matrix Spike Dup (1110388-MSD1)	Source: B111255-01			Prepared: 11/21/01 Analyzed: 11/22/01						
1,1,2,2-Tetrachloroethane	57.5	2.00	ug/l	50.0	ND	115	20.6-223	0.174	50.3	
Tetrachloroethene	37.1	2.00	"	50.0	ND	74.2	45.1-113	4.48	17.6	
Toluene	46.2	2.00	"	50.0	ND	92.4	71.3-118	4.03	19.4	
1,1,1-Trichloroethane	43.1	2.00	"	50.0	ND	86.2	42.5-128	5.20	18.4	
1,1,2-Trichloroethane	57.1	2.00	"	50.0	ND	114	70.1-139	1.05	32.5	
Trichloroethene	38.8	2.00	"	50.0	ND	77.6	53.5-106	5.51	20.9	
Trichlorofluoromethane	43.3	2.00	"	50.0	ND	86.6	10-417	0.928	29.2	
Vinyl acetate	57.7	2.00	"	50.0	ND	115	10-239	14.7	34.5	
Vinyl chloride	41.8	2.00	"	50.0	ND	83.6	37.4-113	0.480	23.5	
Total Xylenes	135	2.00	"	150	ND	90.0	70.8-111	2.92	12.4	
Surrogate: Dibromofluoromethane	*54.8*		"	*50.0*		*110*	*91.1-111*			
Surrogate: 1,2-Dichloroethane-d4	*53.0*		"	*50.0*		*106*	*85.1-104*			
Surrogate: Toluene-d8	*51.2*		"	*50.0*		*102*	*95.1-105*			
Surrogate: 4-Bromofluorobenzene	*52.2*		"	*50.0*		*104*	*89.6-105*			

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EGSL	Project: Former Ames Supply	
351 W. Hubbard, Suite 401	Project Number: 011332	Reported:
Chicago IL, 60610	Project Manager: Gerald Kraemer	11/28/01 14:55

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1110381 - EPA 3510C										
Blank (1110381-BLK1)			Prepared: 11/21/01 Analyzed: 11/28/01							
Acenaphthene	ND	2.00	ug/l							
Acenaphthylene	ND	2.00	"							
Aniline	ND	2.00	"							
Anthracene	ND	2.00	"							
Benzoic acid	ND	10.0	"							
Benz (a) anthracene	ND	2.00	"							
Benzo (a) pyrene	ND	2.00	"							
Benzo (b) fluoranthene	ND	2.00	"							
Benzo (ghi) perylene	ND	2.00	"							
Benzo (k) fluoranthene	ND	2.00	"							
Benzyl alcohol	ND	2.00	"							
Bis(2-chloroethoxy)methane	ND	2.00	"							
Bis(2-chloroethyl)ether	ND	2.00	"							
Bis(2-chloroisopropyl)ether	ND	2.00	"							
Bis(2-ethylhexyl)phthalate	ND	10.0	"							
4-Bromophenyl phenyl ether	ND	2.00	"							
Butyl benzyl phthalate	ND	2.00	"							
4-Chloroaniline	ND	2.00	"							
4-Chloro-3-methylphenol	ND	2.00	"							
2-Chloronaphthalene	ND	2.00	"							
2-Chlorophenol	ND	2.00	"							
4-Chlorophenyl phenyl ether	ND	2.00	"							
Chrysene	ND	2.00	"							
Dibenz (a,h) anthracene	ND	2.00	"							
Dibenzofuran	ND	2.00	"							
1,2-Dichlorobenzene	ND	2.00	"							
1,3-Dichlorobenzene	ND	2.00	"							
1,4-Dichlorobenzene	ND	2.00	"							
3,3'-Dichlorobenzidine	ND	10.0	"							
2,4-Dichlorophenol	ND	2.00	"							
Diethyl phthalate	ND	2.00	"							
2,4-Dimethylphenol	ND	2.00	"							
Dimethyl phthalate	ND	2.00	"							
Di-n-butyl phthalate	ND	10.0	"							
4,6-Dinitro-2-methylphenol	ND	10.0	"							
2,4-Dinitrophenol	ND	10.0	"							
2,4-Dinitrotoluene	ND	2.00	"							
2,6-Dinitrotoluene	ND	2.00	"							

Great Lakes Analytical

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Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL
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Email: info@glalabs.com
(847) 808-7766 FAX (847) 808-7772

EGSL
351 W. Hubbard, Suite 401
Chicago IL, 60610

Project: Former Ames Supply
Project Number: 011332
Project Manager: Gerald Kraemer

Reported:
11/28/01 14:55

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1110381 - EPA 3510C										
Blank (1110381-BLK1)				Prepared: 11/21/01 Analyzed: 11/28/01						
Di-n-octyl phthalate	ND	2.00	ug/l							
Fluoranthene	ND	2.00	"							
Fluorene	ND	2.00	"							
Hexachlorobenzene	ND	2.00	"							
Hexachlorobutadiene	ND	2.00	"							
Hexachlorocyclopentadiene	ND	2.00	"							
Hexachloroethane	ND	2.00	"							
Indeno (1,2,3-cd) pyrene	ND	2.00	"							
Isophorone	ND	2.00	"							
2-Methylnaphthalene	ND	2.00	"							
o-Cresol	ND	2.00	"							
m,p-Cresols	ND	2.00	"							
Naphthalene	ND	2.00	"							
2-Nitroaniline	ND	10.0	"							
3-Nitroaniline	ND	10.0	"							
4-Nitroaniline	ND	10.0	"							
Nitrobenzene	ND	2.00	"							
2-Nitrophenol	ND	2.00	"							
4-Nitrophenol	ND	10.0	"							
N-Nitrosodi-n-propylamine	ND	2.00	"							
N-Nitrosodiphenylamine	ND	2.00	"							
Pentachlorophenol	ND	10.0	"							
Phenanthrene	ND	2.00	"							
Phenol	ND	2.00	"							
Pyrene	ND	2.00	"							
1,2,4-Trichlorobenzene	ND	2.00	"							
2,4,5-Trichlorophenol	ND	10.0	"							
2,4,6-Trichlorophenol	ND	2.00	"							
Surrogate: 2-Fluorophenol	*20.0*		"	*99.8*		*20.0*	*10-70.3*			
Surrogate: Phenol-d6	*19.0*		"	*99.8*		*19.0*	*10.8-41.4*			
Surrogate: Nitrobenzene-d5	*31.7*		"	*50.0*		*63.4*	*38.8-98.5*			
Surrogate: 2-Fluorobiphenyl	*31.8*		"	*50.0*		*63.6*	*38-89.3*			
Surrogate: 2,4,6-Tribromophenol	*28.1*		"	*99.8*		*28.2*	*10-122*			
Surrogate: p-Terphenyl-d14	*47.1*		"	*50.0*		*94.2*	*14.5-131*			

Great Lakes Analytical

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Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL

1380 Busch Parkway
Buffalo Grove, Illinois 60089

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EGSL	Project: Former Ames Supply	
351 W. Hubbard, Suite 401	Project Number: 011332	Reported:
Chicago IL, 60610	Project Manager: Gerald Kraemer	11/28/01 14:55

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1110381 - EPA 3510C										
LCS (1110381-BS1)				Prepared: 11/21/01 Analyzed: 11/28/01						
Acenaphthene	36.8	2.00	ug/l	50.0		73.6	31-110			
Acenaphthylene	35.3	2.00	"	50.0		70.6	31.5-110			
Aniline	17.3	2.00	"	50.0		34.6	5-110			
Anthracene	35.7	2.00	"	50.0		71.4	32.8-110			
Benzoic acid	16.1	10.0	"	50.0		32.2	5-110			
Benz (a) anthracene	37.2	2.00	"	50.0		74.4	29.4-110			
Benzo (a) pyrene	39.3	2.00	"	50.0		78.6	22-117			
Benzo (b) fluoranthene	40.9	2.00	"	50.0		81.8	42.1-110			
Benzo (ghi) perylene	45.4	2.00	"	50.0		90.8	5-147			
Benzo (k) fluoranthene	42.9	2.00	"	50.0		85.8	25.6-115			
Benzyl alcohol	32.9	2.00	"	50.0		65.8	11.8-110			
Bis(2-chloroethoxy)methane	33.6	2.00	"	50.0		67.2	12.3-110			
Bis(2-chloroethyl)ether	34.9	2.00	"	50.0		69.8	15-113			
Bis(2-chloroisopropyl)ether	37.3	2.00	"	50.0		74.6	10.6-110			
Bis(2-ethylhexyl)phthalate	49.8	10.0	"	50.0		99.6	5-147			
4-Bromophenyl phenyl ether	35.5	2.00	"	50.0		71.0	26.9-110			
Butyl benzyl phthalate	52.1	2.00	"	50.0		104	5-151			
4-Chloroaniline	10.1	2.00	"	50.0		20.2	5-110			
4-Chloro-3-methylphenol	37.2	2.00	"	50.0		74.4	19.6-110			
2-Chloronaphthalene	35.8	2.00	"	50.0		71.6	15.4-110			
2-Chlorophenol	35.3	2.00	"	50.0		70.6	5-110			
4-Chlorophenyl phenyl ether	40.1	2.00	"	50.0		80.2	19.8-110			
Chrysene	27.8	2.00	"	50.0		55.6	25.9-110			
Dibenz (a,h) anthracene	30.9	2.00	"	50.0		61.8	5-143			
Dibenzofuran	36.9	2.00	"	50.0		73.8	23.2-110			
1,2-Dichlorobenzene	33.4	2.00	"	50.0		66.8	13.4-110			
1,3-Dichlorobenzene	32.7	2.00	"	50.0		65.4	7.9-110			
1,4-Dichlorobenzene	33.2	2.00	"	50.0		66.4	9.67-110			
3,3'-Dichlorobenzidine	18.1	10.0	"	50.0		36.2	5-110			
2,4-Dichlorophenol	34.0	2.00	"	50.0		68.0	5-110			
Diethyl phthalate	37.5	2.00	"	50.0		75.0	17.6-110			
2,4-Dimethylphenol	29.7	2.00	"	50.0		59.4	5-110			
Dimethyl phthalate	38.3	2.00	"	50.0		76.6	16.1-117			
Di-n-butyl phthalate	38.2	10.0	"	50.0		76.4	19.7-110			
4,6-Dinitro-2-methylphenol	33.0	10.0	"	50.0		66.0	5-114			
2,4-Dinitrophenol	32.0	10.0	"	50.0		64.0	5-126			
2,4-Dinitrotoluene	38.3	2.00	"	50.0		76.6	20.6-110			
2,6-Dinitrotoluene	37.5	2.00	"	50.0		75.0	23.3-110			

Great Lakes Analytical

Andy Johnson, Project Manager

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GREAT LAKES ANALYTICAL

1380 Busch Parkway
Buffalo Grove, Illinois 60089

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(847) 808-7766 FAX (847) 808-7772

EGSL	Project: Former Ames Supply	
351 W. Hubbard, Suite 401	Project Number: 011332	Reported:
Chicago IL, 60610	Project Manager: Gerald Kraemer	11/28/01 14:55

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1110381 - EPA 3510C										
LCS (1110381-BS1)				Prepared: 11/21/01 Analyzed: 11/28/01						
Di-n-octyl phthalate	39.0	2.00	ug/l	50.0		78.0	5-145			
Fluoranthene	33.0	2.00	"	50.0		66.0	28.6-110			
Fluorene	38.7	2.00	"	50.0		77.4	30.5-110			
Hexachlorobenzene	34.7	2.00	"	50.0		69.4	22.6-110			
Hexachlorobutadiene	31.0	2.00	"	50.0		62.0	5-110			
Hexachlorocyclopentadiene	19.5	2.00	"	50.0		39.0	5-110			
Hexachloroethane	32.8	2.00	"	50.0		65.6	5-110			
Indeno (1,2,3-cd) pyrene	42.7	2.00	"	50.0		85.4	5-150			
Isophorone	34.0	2.00	"	50.0		68.0	13.1-110			
2-Methylnaphthalene	32.7	2.00	"	50.0		65.4	21.9-110			
o-Cresol	32.8	2.00	"	50.0		65.6	24.9-110			
m,p-Cresols	31.3	2.00	"	50.0		62.6	5-110			
Naphthalene	31.3	2.00	"	50.0		62.6	28.5-110			
2-Nitroaniline	38.4	10.0	"	50.0		76.8	11.3-118			
3-Nitroaniline	23.8	10.0	"	50.0		47.6	7.75-110			
4-Nitroaniline	32.6	10.0	"	50.0		65.2	18.5-110			
Nitrobenzene	34.6	2.00	"	50.0		69.2	13.6-110			
2-Nitrophenol	33.9	2.00	"	50.0		67.8	5-110			
4-Nitrophenol	23.9	10.0	"	50.0		47.8	5-110			
N-Nitrosodi-n-propylamine	38.2	2.00	"	50.0		76.4	14.6-110			
N-Nitrosodiphenylamine	33.4	2.00	"	50.0		66.8	19.1-110			
Pentachlorophenol	29.2	10.0	"	50.0		58.4	5-110			
Phenanthrene	37.3	2.00	"	50.0		74.6	36.3-110			
Phenol	19.0	2.00	"	50.0		38.0	5-110			
Pyrene	50.3	2.00	"	50.0		101	27.2-126			
1,2,4-Trichlorobenzene	31.0	2.00	"	50.0		62.0	11.1-110			
2,4,5-Trichlorophenol	39.2	10.0	"	50.0		78.4	5-110			
2,4,6-Trichlorophenol	39.8	2.00	"	50.0		79.6	5-114			
Surrogate: 2-Fluorophenol	*45.8*		"	*99.8*		*45.9*	*10-70.3*			
Surrogate: Phenol-d6	*31.4*		"	*99.6*		*31.5*	*10.8-41.4*			
Surrogate: Nitrobenzene-d5	*33.0*		"	*50.0*		*66.0*	*38.8-98.5*			
Surrogate: 2-Fluorobiphenyl	*34.9*		"	*50.0*		*69.8*	*38-89.3*			
Surrogate: 2,4,6-Tribromophenol	*66.9*		"	*99.8*		*67.0*	*10-122*			
Surrogate: p-Terphenyl-d14	*47.6*		"	*50.0*		*95.2*	*14.5-131*			

Great Lakes Analytical

Andy Johnson, Project Manager

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GREAT LAKES ANALYTICAL

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EGSL	Project: Fonner Ames Supply	
351 W. Hubbard, Suite 401	Project Number: 011332	Reported:
Chicago IL, 60610	Project Manager: Gerald Kraemer	11/28/01 14:55

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1110381 - EPA 3510C										
LCS Dup (1110381-BSD1)				Prepared: 11/21/01 Analyzed: 11/28/01						
Di-n-octyl phthalate	38.0	2.00	ug/l	50.0		76.0	5-145	2.60	41.3	
Fluoranthene	34.2	2.00	"	50.0		68.4	28.6-110	3.57	17.4	
Fluorene	38.3	2.00	"	50.0		76.6	30.5-110	1.04	15.7	
Hexachlorobenzene	34.5	2.00	"	50.0		69.0	22.6-110	0.578	16.3	
Hexachlorobutadiene	29.2	2.00	"	50.0		58.4	5-110	5.98	49.8	
Hexachlorocyclopentadiene	18.6	2.00	"	50.0		37.2	5-110	4.72	57.7	
Hexachloroethane	31.0	2.00	"	50.0		62.0	5-110	5.64	40.5	
Indeno (1,2,3-cd) pyrene	39.8	2.00	"	50.0		79.6	5-150	7.03	82	
Isophorone	33.0	2.00	"	50.0		66.0	13.1-110	2.99	20.6	
2-Methylnaphthalene	31.2	2.00	"	50.0		62.4	21.9-110	4.69	21.2	
o-Cresol	31.8	2.00	"	50.0		63.6	24.9-110	3.10	23.7	
m,p-Cresols	30.5	2.00	"	50.0		61.0	5-110	2.59	23.6	
Naphthalene	29.9	2.00	"	50.0		59.8	28.5-110	4.58	20.4	
2-Nitroaniline	38.6	10.0	"	50.0		77.2	11.3-118	0.519	23.1	
3-Nitroaniline	22.3	10.0	"	50.0		44.6	7.75-110	6.51	46.2	
4-Nitroaniline	33.2	10.0	"	50.0		66.4	18.5-110	1.82	18.4	
Nitrobenzene	33.3	2.00	"	50.0		66.6	13.6-110	3.83	22.2	
2-Nitrophenol	32.4	2.00	"	50.0		64.8	5-110	4.52	120	
4-Nitrophenol	25.0	10.0	"	50.0		50.0	5-110	4.50	190	
N-Nitrosodi-n-propylamine	36.8	2.00	"	50.0		73.6	14.6-110	3.73	21.5	
N-Nitrosodiphenylamine	33.0	2.00	"	50.0		66.0	19.1-110	1.20	13.7	
Pentachlorophenol	29.6	10.0	"	50.0		59.2	5-110	1.36	126	
Phenanthrene	37.4	2.00	"	50.0		74.8	36.3-110	0.268	12.2	
Phenol	18.7	2.00	"	50.0		37.4	5-110	1.59	65.1	
Pyrene	48.2	2.00	"	50.0		96.4	27.2-126	4.26	35.6	
1,2,4-Trichlorobenzene	29.7	2.00	"	50.0		59.4	11.1-110	4.28	30.8	
2,4,5-Trichlorophenol	37.5	10.0	"	50.0		75.0	5-110	4.43	121	
2,4,6-Trichlorophenol	38.4	2.00	"	50.0		76.8	5-114	3.58	157	
Surrogate: 2-Fluorophenol	*44.2*		"	*99.8*		*44.3*	*10-70.3*			
Surrogate: Phenol-d6	*31.2*		"	*99.8*		*31.3*	*10.8-41.4*			
Surrogate: Nitrobenzene-d5	*32.2*		"	*50.0*		*64.4*	*38.8-98.5*			
Surrogate: 2-Fluorobiphenyl	*34.0*		"	*50.0*		*68.0*	*38-89.3*			
Surrogate: 2,4,6-Tribromophenol	*65.4*		"	*99.8*		*65.5*	*10-122*			
Surrogate: p-Terphenyl-d14	*45.8*		"	*50.0*		*91.6*	*14.5-131*			

Great Lakes Analytical

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GREAT LAKES ANALYTICAL

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EGSL	Project: Former Ames Supply	
351 W. Hubbard, Suite 401	Project Number: 011332	Reported:
Chicago IL, 60610	Project Manager: Gerald Kraemer	11/28/01 14:55

Notes and Definitions

G1	The recovery of one or more analytes in the matrix QC (MS/MSD) associated with this sample is above the laboratory's established acceptance criteria. Refer to the included QC reports for more detail.
G15	The relative percent difference (RPD) of one or more analytes in the matrix QC (MS/MSD) associated with this sample is above the laboratory's established acceptance limits. Refer to the included QC reports for more detail.
G4	The recovery of one or more analytes in the laboratory control QC (BS/BSD) associated with this sample is below the laboratory's established acceptance criteria. Refer to the included QC reports for more detail.
O3	One or more internal standard recoveries were above the method specified acceptance criteria.
O4	The recovery for this analyte is below the laboratory's established acceptance criteria.
O5	The recovery for this analyte is above the laboratory's established acceptance criteria.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Great Lakes Analytical

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Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL

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03 December 2001

Gerald Kraemer
EGSL
351 W. Hubbard, Suite 401
Chicago, IL 60610
RE: Ames Supply

Enclosed are the results of analyses for samples received by the laboratory on 11/30/01. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Andy Johnson
Project Manager

GREAT LAKES ANALYTICAL

1380 Busch Parkway
Buffalo Grove, Illinois 60089

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EGSL
351 W. Hubbard, Suite 401
Chicago IL, 60610

Project: Ames Supply
Project Number: 011332
Project Manager: Gerald Kraemer

Reported:
12/03/01 12:31

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
PW-10	B111400-01	Water	11/30/01 09:20	11/30/01 11:00
MW-4	B111400-02	Water	11/30/01 09:50	11/30/01 11:00

Great Lakes Analytical

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Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL
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EGSL	Project: Ames Supply	
351 W. Hubbard, Suite 401	Project Number: 011332	Reported:
Chicago IL, 60610	Project Manager: Gerald Kraemer	12/03/01 12:31

Volatile Organic Compounds by EPA Method 8260B

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
PW-10 (B111400-01) Water Sampled: 11/30/01 09:20 Received: 11/30/01 11:00									G1,G2
Acetone	ND	10.0	ug/l	1	1120003	12/03/01	11/30/01	5030B/8260B	
Benzene	ND	2.00	"	"	"	"	"	"	
Bromodichloromethane	ND	2.00	"	"	"	"	"	"	
Bromoform	ND	2.00	"	"	"	"	"	"	
Bromomethane	ND	2.00	"	"	"	"	"	"	
2-Butanone	ND	10.0	"	"	"	"	"	"	
Carbon disulfide	ND	2.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	2.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	2.00	"	"	"	"	"	"	
Chloroethane	ND	2.00	"	"	"	"	"	"	
Chloroform	ND	2.00	"	"	"	"	"	"	
Chloromethane	ND	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	**2.28**	2.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**16.6**	2.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.00	"	"	"	"	"	"	
Ethylbenzene	ND	2.00	"	"	"	"	"	"	
2-Hexanone	ND	10.0	"	"	"	"	"	"	
Methylene chloride	ND	2.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	10.0	"	"	"	"	"	"	
Styrene	ND	2.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.00	"	"	"	"	"	"	
Tetrachloroethene	**140**	2.00	"	"	"	"	"	"	
Toluene	ND	2.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	**13.3**	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.00	"	"	"	"	"	"	
Trichloroethene	**8.48**	2.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.00	"	"	"	"	"	"	
Vinyl acetate	ND	2.00	"	"	"	"	"	"	
Vinyl chloride	ND	2.00	"	"	"	"	"	"	
Total Xylenes	ND	2.00	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*97.6 %*	*91.1-111*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*85.1-104*		"	"	"	"	
Surrogate: Toluene-d8		*98.8 %*	*95.1-105*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.2 %*	*89.6-105*		"	"	"	"	

Great Lakes Analytical

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Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL
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EGSL	Project: Ames Supply	
351 W. Hubbard, Suite 401	Project Number: 011332	Reported:
Chicago IL, 60610	Project Manager: Gerald Kraemer	12/03/01 12:31

Volatile Organic Compounds by EPA Method 8260B

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-4 (B111400-02) Water Sampled: 11/30/01 09:50 Received: 11/30/01 11:00									G1,G2
Acetone	ND	10.0	ug/l	1	1120003	12/03/01	11/30/01	5030B/8260B	
Benzene	ND	2.00	"	"	"	"	"	"	
Bromodichloromethane	ND	2.00	"	"	"	"	"	"	
Bromoform	ND	2.00	"	"	"	"	"	"	
Bromomethane	ND	2.00	"	"	"	"	"	"	
2-Butanone	ND	10.0	"	"	"	"	"	"	
Carbon disulfide	ND	2.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	2.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	2.00	"	"	"	"	"	"	
Chloroethane	ND	2.00	"	"	"	"	"	"	
Chloroform	ND	2.00	"	"	"	"	"	"	
Chloromethane	ND	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.00	"	"	"	"	"	"	
Ethylbenzene	ND	2.00	"	"	"	"	"	"	
2-Hexanone	ND	10.0	"	"	"	"	"	"	
Methylene chloride	ND	2.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	10.0	"	"	"	"	"	"	
Styrene	ND	2.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.00	"	"	"	"	"	"	
Tetrachloroethene	ND	2.00	"	"	"	"	"	"	
Toluene	ND	2.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.00	"	"	"	"	"	"	
Trichloroethene	ND	2.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.00	"	"	"	"	"	"	
Vinyl acetate	ND	2.00	"	"	"	"	"	"	
Vinyl chloride	ND	2.00	"	"	"	"	"	"	
Total Xylenes	ND	2.00	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*100 %*	*91.1-111*	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*85.1-104*	"	"	"	"	"	O5
Surrogate: Toluene-d8		*99.6 %*	*95.1-105*	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*100 %*	*89.6-105*	"	"	"	"	"	

Great Lakes Analytical

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Andy Johnson, Project Manager

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EGSL	Project: Ames Supply	
351 W. Hubbard, Suite 401	Project Number: 011332	Reported:
Chicago IL, 60610	Project Manager: Gerald Kraemer	12/03/01 12:31

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1120003 - EPA 5030B (P/T)										
Blank (1120003-BLK1)				Prepared: 12/03/01 Analyzed: 11/30/01						
Acetone	ND	10.0	ug/l							
Benzene	ND	2.00	"							
Bromodichloromethane	ND	2.00	"							
Bromoform	ND	2.00	"							
Bromomethane	ND	2.00	"							
2-Butanone	ND	10.0	"							
Carbon disulfide	ND	2.00	"							
Carbon tetrachloride	ND	2.00	"							
Chlorobenzene	ND	2.00	"							
Chlorodibromomethane	ND	2.00	"							
Chloroethane	ND	2.00	"							
Chloroform	ND	2.00	"							
Chloromethane	ND	2.00	"							
1,1-Dichloroethane	ND	2.00	"							
1,2-Dichloroethane	ND	2.00	"							
1,1-Dichloroethene	ND	2.00	"							
cis-1,2-Dichloroethene	ND	2.00	"							
trans-1,2-Dichloroethene	ND	2.00	"							
1,2-Dichloropropane	ND	2.00	"							
cis-1,3-Dichloropropene	ND	2.00	"							
trans-1,3-Dichloropropene	ND	2.00	"							
Ethylbenzene	ND	2.00	"							
2-Hexanone	ND	10.0	"							
Methylene chloride	ND	2.00	"							
4-Methyl-2-pentanone	ND	10.0	"							
Styrene	ND	2.00	"							
1,1,2,2-Tetrachloroethane	ND	2.00	"							
Tetrachloroethene	ND	2.00	"							
Toluene	ND	2.00	"							
1,1,1-Trichloroethane	ND	2.00	"							
1,1,2-Trichloroethane	ND	2.00	"							
Trichloroethene	ND	2.00	"							
Trichlorofluoromethane	ND	2.00	"							
Vinyl acetate	ND	2.00	"							
Vinyl chloride	ND	2.00	"							
Total Xylenes	ND	2.00	"							
Surrogate: Dibromofluoromethane	*47.7*		"	*50.0*		*95.4*	*91.1-111*			
Surrogate: 1,2-Dichloroethane-d4	*51.1*		"	*50.0*		*102*	*85.1-104*			

Great Lakes Analytical

Andy Johnson, Project Manager

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EGSL	Project: Ames Supply	
351 W. Hubbard, Suite 401	Project Number: 011332	**Reported:**
Chicago IL, 60610	Project Manager: Gerald Kraemer	12/03/01 12:31

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1120003 - EPA 5030B (P/T)										
Blank (1120003-BLK1)				Prepared: 12/03/01 Analyzed: 11/30/01						
Surrogate: Toluene-d8	*49.1*		*ug/l*	*50.0*		*98.2*	*95.1-105*			
Surrogate: 4-Bromofluorobenzene	*49.8*		"	*50.0*		*99.6*	*89.6-105*			
LCS (1120003-BS1)				Prepared: 12/03/01 Analyzed: 11/30/01						
Acetone	149	10.0	ug/l	50.0		298	10-194			
Benzene	57.3	2.00	"	50.0		115	84.9-115			
Bromodichloromethane	58.9	2.00	"	50.0		118	74.3-130			
Bromoform	59.5	2.00	"	50.0		119	70.1-120			
Bromomethane	38.8	2.00	"	50.0		77.6	10-258			
2-Butanone	105	10.0	"	50.0		210	10-147			
Carbon disulfide	45.6	2.00	"	50.0		91.2	43.4-146			
Carbon tetrachloride	54.7	2.00	"	50.0		109	60.5-138			
Chlorobenzene	56.2	2.00	"	50.0		112	85.4-115			
Chlorodibromomethane	58.9	2.00	"	50.0		118	78.8-116			
Chloroethane	90.2	2.00	"	50.0		180	10-455			
Chloroform	55.8	2.00	"	50.0		112	74.5-134			
Chloromethane	43.1	2.00	"	50.0		86.2	78.7-128			
1,1-Dichloroethane	50.3	2.00	"	50.0		101	76.8-120			
1,2-Dichloroethane	56.8	2.00	"	50.0		114	66.7-129			
1,1-Dichloroethene	57.1	2.00	"	50.0		114	72.7-125			
cis-1,2-Dichloroethene	55.0	2.00	"	50.0		110	87-123			
trans-1,2-Dichloroethene	49.7	2.00	"	50.0		99.4	77.9-119			
1,2-Dichloropropane	57.0	2.00	"	50.0		114	88.3-115			
cis-1,3-Dichloropropene	58.5	2.00	"	50.0		117	81.2-120			
trans-1,3-Dichloropropene	63.5	2.00	"	50.0		127	75.2-126			
Ethylbenzene	58.2	2.00	"	50.0		116	84.3-119			
2-Hexanone	106	10.0	"	50.0		212	21.4-142			
Methylene chloride	50.9	2.00	"	50.0		102	62.5-140			
4-Methyl-2-pentanone	65.5	10.0	"	50.0		131	38.2-141			
Styrene	57.0	2.00	"	50.0		114	86.6-117			
1,1,2,2-Tetrachloroethane	51.6	2.00	"	50.0		103	13.2-197			
Tetrachloroethene	54.1	2.00	"	50.0		108	76.6-120			
Toluene	59.7	2.00	"	50.0		119	86.3-120			
1,1,1-Trichloroethane	50.7	2.00	"	50.0		101	63.5-146			
1,1,2-Trichloroethane	58.5	2.00	"	50.0		117	84.5-124			
Trichloroethene	53.6	2.00	"	50.0		107	51.4-153			
Trichlorofluoromethane	52.0	2.00	"	50.0		104	10-586			
Vinyl acetate	33.9	2.00	"	50.0		67.8	10-219			

Great Lakes Analytical

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Andy Johnson, Project Manager

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EGSL
351 W. Hubbard, Suite 401
Chicago IL, 60610

Project: Ames Supply
Project Number: 011332
Project Manager: Gerald Kraemer

Reported:
12/03/01 12:31

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1120003 - EPA 5030B (P/T)										
LCS (1120003-BS1)				Prepared: 12/03/01 Analyzed: 11/30/01						
Vinyl chloride	49.8	2.00	ug/l	50.0		99.6	71-120			
Total Xylenes	172	2.00	"	150		115	88.3-118			
Surrogate: Dibromofluoromethane	*48.6*		"	*50.0*		*97.2*	*91.1-111*			
Surrogate: 1,2-Dichloroethane-d4	*50.7*		"	*50.0*		*101*	*85.1-104*			
Surrogate: Toluene-d8	*50.4*		"	*50.0*		*101*	*95.1-105*			
Surrogate: 4-Bromofluorobenzene	*52.5*		"	*50.0*		*105*	*89.6-105*			
Matrix Spike (1120003-MS1)	Source: B111400-01			Prepared: 12/03/01 Analyzed: 11/30/01						
Acetone	53.3	10.0	ug/l	50.0	ND	107	10-269			
Benzene	57.4	2.00	"	50.0	ND	115	71.4-115			
Bromodichloromethane	59.7	2.00	"	50.0	ND	119	65.3-134			
Bromoform	61.6	2.00	"	50.0	ND	123	54.6-132			
Bromomethane	46.2	2.00	"	50.0	ND	92.4	10-176			
2-Butanone	54.4	10.0	"	50.0	ND	109	10-201			
Carbon disulfide	43.9	2.00	"	50.0	ND	87.8	23.4-143			
Carbon tetrachloride	54.1	2.00	"	50.0	ND	108	26.3-133			
Chlorobenzene	54.7	2.00	"	50.0	ND	109	77.4-108			
Chlorodibromomethane	59.7	2.00	"	50.0	ND	119	72.8-117			
Chloroethane	103	2.00	"	50.0	ND	206	10-293			
Chloroform	55.8	2.00	"	50.0	ND	112	70.8-124			
Chloromethane	50.7	2.00	"	50.0	ND	101	61.3-109			
1,1-Dichloroethane	55.0	2.00	"	50.0	2.28	105	63.3-114			
1,2-Dichloroethane	57.7	2.00	"	50.0	ND	115	54.5-137			
1,1-Dichloroethene	51.4	2.00	"	50.0	ND	103	36.1-115			
cis-1,2-Dichloroethene	70.0	2.00	"	50.0	16.6	107	64.8-129			
trans-1,2-Dichloroethene	48.8	2.00	"	50.0	ND	97.6	54.7-113			
1,2-Dichloropropane	57.7	2.00	"	50.0	ND	115	77.8-114			
cis-1,3-Dichloropropene	58.8	2.00	"	50.0	ND	118	67.3-117			
trans-1,3-Dichloropropene	65.4	2.00	"	50.0	ND	131	57.3-124			
Ethylbenzene	56.9	2.00	"	50.0	ND	114	68.3-111			
2-Hexanone	57.6	10.0	"	50.0	ND	115	10-225			
Methylene chloride	53.4	2.00	"	50.0	ND	107	45.6-150			
4-Methyl-2-pentanone	61.9	10.0	"	50.0	ND	124	10-208			
Styrene	56.2	2.00	"	50.0	ND	112	49.7-126			
1,1,2,2-Tetrachloroethane	58.0	2.00	"	50.0	ND	116	20.6-223			
Tetrachloroethene	157	2.00	"	50.0	140	34.0	45.1-113			
Toluene	59.3	2.00	"	50.0	ND	119	71.3-118			
1,1,1-Trichloroethane	60.6	2.00	"	50.0	13.3	94.6	42.5-128			

Great Lakes Analytical

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Andy Johnson, Project Manager

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EGSL
351 W. Hubbard, Suite 401
Chicago IL, 60610

Project: Ames Supply
Project Number: 011332
Project Manager: Gerald Kraemer

Reported:
12/03/01 12:31

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1120003 - EPA 5030B (P/T)										
Matrix Spike (1120003-MS1)	Source: B111400-01			Prepared: 12/03/01		Analyzed: 11/30/01				
1,1,2-Trichloroethane	61.0	2.00	ug/l	50.0	ND	122	70.1-139			
Trichloroethene	55.6	2.00	"	50.0	8.48	94.2	53.5-106			
Trichlorofluoromethane	51.1	2.00	"	50.0	ND	102	10-417			
Vinyl acetate	51.2	2.00	"	50.0	ND	102	10-239			
Vinyl chloride	54.0	2.00	"	50.0	ND	108	37.4-113			
Total Xylenes	172	2.00	"	150	ND	115	70.8-111			
Surrogate: Dibromofluoromethane	*50.0*		"	*50.0*		*100*	*91.1-111*			
Surrogate: 1,2-Dichloroethane-d4	*53.0*		"	*50.0*		*106*	*85.1-104*			
Surrogate: Toluene-d8	*51.4*		"	*50.0*		*103*	*95.1-105*			
Surrogate: 4-Bromofluorobenzene	*53.5*		"	*50.0*		*107*	*89.6-105*			
Matrix Spike Dup (1120003-MSD1)	Source: B111400-01			Prepared: 12/03/01		Analyzed: 11/30/01				
Acetone	48.6	10.0	ug/l	50.0	ND	97.2	10-269	9.22	73.8	
Benzene	55.3	2.00	"	50.0	ND	111	71.4-115	3.73	19.1	
Bromodichloromethane	57.4	2.00	"	50.0	ND	115	65.3-134	3.93	15.6	
Bromoform	58.0	2.00	"	50.0	ND	116	54.6-132	6.02	36.2	
Bromomethane	50.2	2.00	"	50.0	ND	100	10-176	8.30	45.7	
2-Butanone	49.5	10.0	"	50.0	ND	99.0	10-201	9.43	61.6	
Carbon disulfide	44.7	2.00	"	50.0	ND	89.4	23.4-143	1.81	23.6	
Carbon tetrachloride	52.3	2.00	"	50.0	ND	105	26.3-133	3.38	26.2	
Chlorobenzene	51.9	2.00	"	50.0	ND	104	77.4-108	5.25	12.2	
Chlorodibromomethane	57.4	2.00	"	50.0	ND	115	72.8-117	3.93	23.9	
Chloroethane	107	2.00	"	50.0	ND	214	10-293	3.81	36.9	
Chloroform	54.4	2.00	"	50.0	ND	109	70.8-124	2.54	10.6	
Chloromethane	45.0	2.00	"	50.0	ND	90.0	61.3-109	11.9	20.1	
1,1-Dichloroethane	54.1	2.00	"	50.0	2.28	104	63.3-114	1.65	12.7	
1,2-Dichloroethane	55.3	2.00	"	50.0	ND	111	54.5-137	4.25	27.2	
1,1-Dichloroethene	55.7	2.00	"	50.0	ND	111	36.1-115	8.03	23	
cis-1,2-Dichloroethene	68.1	2.00	"	50.0	16.6	103	64.8-129	2.75	19.6	
trans-1,2 Dichloroethene	48.2	2.00	"	50.0	ND	96.4	54.7-113	1.24	17.4	
1,2-Dichloropropane	55.3	2.00	"	50.0	ND	111	77.8-114	4.25	16.4	
cis-1,3-Dichloropropene	56.7	2.00	"	50.0	ND	113	67.3-117	3.64	15.7	
trans-1,3-Dichloropropene	62.8	2.00	"	50.0	ND	126	57.3-124	4.06	26.3	
Ethylbenzene	54.8	2.00	"	50.0	ND	110	68.3-111	3.76	13.5	
2-Hexanone	52.3	10.0	"	50.0	ND	105	10-225	9.65	58.3	
Methylene chloride	52.1	2.00	"	50.0	ND	104	45.6-150	2.46	11.4	
4-Methyl-2-pentanone	57.2	10.0	"	50.0	ND	114	10-208	7.89	69.7	
Styrene	54.2	2.00	"	50.0	ND	108	49.7-126	3.62	18.6	

Great Lakes Analytical

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Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL

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EGSL	Project: Ames Supply	
351 W. Hubbard, Suite 401	Project Number: 011332	Reported:
Chicago IL, 60610	Project Manager: Gerald Kraemer	12/03/01 12:31

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1120003 - EPA 5030B (P/T)										
Matrix Spike Dup (1120003-MSD1)	Source: B111400-01			Prepared: 12/03/01		Analyzed: 11/30/01				
1,1,2,2-Tetrachloroethane	54.4	2.00	ug/l	50.0	ND	109	20.6-223	6.41	50.3	
Tetrachloroethene	155	2.00	"	50.0	140	30.0	45.1-113	1.28	17.6	
Toluene	56.4	2.00	"	50.0	ND	113	71.3-118	5.01	19.4	
1,1,1-Trichloroethane	60.2	2.00	"	50.0	13.3	93.8	42.5-128	0.662	18.4	
1,1,2-Trichloroethane	58.6	2.00	"	50.0	ND	117	70.1-139	4.01	32.5	
Trichloroethene	54.2	2.00	"	50.0	8.48	91.4	53.5-106	2.55	20.9	
Trichlorofluoromethane	53.3	2.00	"	50.0	ND	107	10-417	4.21	29.2	
Vinyl acetate	42.7	2.00	"	50.0	ND	85.4	10-239	18.1	34.5	
Vinyl chloride	50.8	2.00	"	50.0	ND	102	37.4-113	6.11	23.5	
Total Xylenes	165	2.00	"	150	ND	110	70.8-111	4.15	12.4	
Surrogate: Dibromofluoromethane	*50.6*		"	*50.0*		*101*	*91.1-111*			
Surrogate: 1,2 Dichloroethane-d4	*52.0*		"	*50.0*		*104*	*85.1-104*			
Surrogate: Toluene-d8	*51.2*		"	*50.0*		*102*	*95.1-105*			
Surrogate: 4-Bromofluorobenzene	*53.2*		"	*50.0*		*106*	*89.6-105*			

Great Lakes Analytical

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL

1360 Busch Parkway
Buffalo Grove, Illinois 60089

Email: info@glalabs.com
(847) 808-7766 FAX (847) 808-7772

EGSL	Project: Ames Supply	
351 W. Hubbard, Suite 401	Project Number: 011332	Reported:
Chicago IL, 60610	Project Manager: Gerald Kraemer	12/03/01 12:31

Notes and Definitions

G1	The recovery of one or more analytes in the matrix QC (MS/MSD) associated with this sample is above the laboratory's established acceptance criteria. Refer to the included QC reports for more detail.
G2	The recovery of one or more analytes in the matrix QC (MS/MSD) associated with this sample is below the laboratory's established acceptance criteria. Refer to the included QC reports for more detail.
O5	The recovery for this analyte is above the laboratory's established acceptance criteria.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Great Lakes Analytical

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Andy Johnson, Project Manager

GREAT LAKES ANALYTICAL

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(847) 808-7766
FAX (847) 808-7772

140 E. Ryan Road
Oak Creek, WI 53154
(414) 570-9460
FAX (414) 570-9461

CHAIN OF CUSTODY REPORT

Client: EBSL
Address: 351 W. Hubbard 401
Chicago IL 60610
Report to: Kraemer Phone #: (312 755-9530 Fax #: (312 755-9516

Bill To:
Address:
State & Program:
Phone #: ( ) Fax #: ( )

TAT: STD. 4 DAY 3 DAY 2 DAY 1 DAY <24 HRS.
YES - TAT is critical
NO - TAT is not critical
DATE RESULTS NEEDED: 12-3-01
TEMPERATURE UPON RECEIPT: Onice
Deliverable Package Needed: STD Other
Air Bill No.

Project: Ames Supply
Sampler: Kraemer
PO/Quote #: 011332

	FIELD ID, LOCATION	DATE COLLECTED	TIME COLLECTED	SAMPLE MATRIX	# of Bottles Preservative Used: MeOH	NaHSO4	HCl	HNO3	H2SO4	NaOH	NONE	TOTAL # OF BOTTLES	VOCs	SAMPLE CONTROL: CRACKED/BROKEN	SAMPLE CONTROL: IMPROPERLY SEALED	LABORATORY ID NUMBER
1	PW-10 PID:	11/30/01	9:20	Water		3					3	X				B111400-01
2	MW-4 PID:	11/30/01	9:50	Water		3					3	X				02
3	PID:															
4	PID:															
5	PID:															
6	PID:															
7	PID:															
8	PID:															
9	PID:															
10	PID:															

RELINQUISHED	RECEIVED	RELINQUISHED	RECEIVED
11-30-01 1000	11-30 1000	11-30 1200	11-30-01 1224
RELINQUISHED DATE TIME	RECEIVED DATE TIME	RELINQUISHED DATE TIME	RECEIVED DATE TIME

COMMENTS:

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Date Time: 9:27:02 AM
From: Debbie Dibnzo 847-808-7772 To: Gerald Kraemer